



Katie M. Brown  
Counsel

Duke Energy  
40 W. Broad Street  
DSC 556  
Greenville, SC 29601

O: 864-370-5296  
F: 864-370-5027

Katie.Brown2@duke-energy.com

October 5, 2021

**VIA ELECTRONIC FILING**

The Honorable Jocelyn G. Boyd  
Chief Clerk/Executive Director  
Public Service Commission of South Carolina  
101 Executive Center Drive, Suite 100  
Columbia, SC 29210

**Re: Annual Review of Base Rates for Fuel Costs of Duke Energy Carolinas, LLC,  
Increasing Residential and Non-Residential Rates  
Docket Number: 2021-3-E**

Dear Ms. Boyd:

Pursuant to Order No. 2021-668, dated September 30, 2021, issued in the above-referenced docket, Duke Energy Carolinas, LLC ("DEC") hereby notifies the Commission that the South Carolina Retail Adjustment for Fuel, Variable Environmental, Avoided Capacity, and DERP Costs Rider, Renewable Net Metering Rider RNM-12, and other retail tariffs that comply with the Commission's Order have been filed in the Commission's E-Tariff system. Attached hereto as Attachment A are copies of the South Carolina Retail Adjustment for Fuel, Variable Environmental, Avoided Capacity, and DERP Costs Rider, Renewable Net Metering Rider RNM-12, and the other retail tariffs that comply with the Commission's Order.

Attached hereto as Attachment B is DEC's Rate Revision Summary that highlights for each impacted tariff: 1) current rates; 2) the applicable rate adjustment approved by the Commission after inclusion of any gross receipts and regulatory fee impacts; and 3) the compliance rates after inclusion of the adjustment.

DEC provided the tariffs to the Office of Regulatory Staff for its review in advance of the filing.

By copy of this letter, I am serving all parties of record via electronic mail.

Sincerely,

Katie M. Brown

Enclosures

cc: Parties of record

ADJUSTMENTS FOR FUEL, VARIABLE ENVIRONMENTAL,  
AVOIDED CAPACITY AND DISTRIBUTED ENERGY RESOURCE PROGRAM COSTS (SC)APPLICABILITY

These adjustments are applicable to the Company's South Carolina retail electric rate schedules.

COSTS RECOVERED THROUGH BASE RATES

The cost of fuel shall be recovered from the Company's customer through a charge billed on a kilowatt-hour ("kWh") basis in an amount rounded to the nearest ten-thousandth of a cent. The variable environmental cost, avoided capacity cost of the Public Utilities Regulatory Policies Act of 1978 ("PURPA") purchased power, and Distributed Energy Resource Program ("DERP") avoided cost shall be recovered from each customer class through a charge rounded to the nearest ten-thousandth of a cent billed on a kWh basis. Such charges shall be determined by the following formulas, and will be included in the base rates to the extent determined reasonable and proper by the Public Service Commission of South Carolina ("Commission").

$$F_1 = [(H/S) \times (S_1)] + G / S_1$$

$$F_2 = (R_1 + G_2) / S_2$$

$$F_3 = (R_2 + G_3) / S_2$$

$$F_4 = (R_3 + G_4) / S_2$$

Where:

F<sub>1</sub> = Fuel cost per kWh included in base rates, rounded to the nearest ten-thousandth of a cent.

H = Total projected system fuel costs:

- (A) Fuel consumed in the Company's own plants and the Company's share of fuel consumed in jointly owned or leased plants. The cost of fossil fuel shall include no items other than those listed in Account 151 of the Commission's Uniform System of Accounts for Public Utilities and Licensees. The cost of nuclear fuel shall be that as shown in Account 518 excluding rental payments on leased nuclear fuel and except that, if Account 518 also contains any expense for fossil fuel which has already been included in the cost of fossil fuel, it shall be deducted from this account.

Plus

- (B) Fuel costs related to purchased power such as those incurred in unit power and limited term power purchases where the fossil fuel associated with energy purchased are identifiable and are identified in the billing statement. Also the cost of "firm generation capacity purchases" which are defined as purchases made to cure a capacity deficiency or to maintain adequate reserve levels. Costs of "firm generation capacity purchases" include the total delivered costs of firm generation capacity purchased and exclude generation capacity reservation charges, generation capacity option charges and any other capacity charges.

Plus

- (C) Fuel costs related to purchased power (including transmission charges), such as short term, economy and other such purchases, where the energy is purchased on an economic dispatch basis, including the total delivered cost of economy purchases of electric power defined as purchases made to displace higher cost generation at a cost which is less than the Company's avoided variable costs for the generation of an equivalent quantity of electric power.

Plus

- (D) Avoided energy costs under PURPA rates.

Energy receipts that do not involve money payments such as Diversity energy and payback of storage energy are not defined as purchased or interchange power relative to this fuel calculation.

Minus

- (E) The cost of fuel and applicable allowance cost recovered through intersystem sales including the fuel costs related to economy energy sales and other energy sold on an economic dispatch basis.

Energy deliveries that do not involve billing transactions such as Diversity energy and payback of storage energy are not defined as sales relative to this fuel calculation.

S = Projected system kWh sales excluding any intersystem sales.

G = Cumulative difference between jurisdictional fuel revenues billed and fuel expenses for the period ending the last day of the month preceding the projected period utilized in H and S.

ADJUSTMENTS FOR FUEL, VARIABLE ENVIRONMENTAL,  
AVOIDED CAPACITY AND DISTRIBUTED ENERGY RESOURCE PROGRAM COSTS (SC)

- $S_1$  = Projected jurisdictional kWh sales for the period covered by the fuel costs included in H.
- $F_2$  = Variable environmental cost per kWh and recoverable in base rates, rounded to the nearest ten-thousandth of a cent.
- $R_1$  = The projected allocated cost of ammonia, lime, limestone, urea, dibasic acid and catalysts consumed in reducing or treating emissions recorded in FERC Account 502 plus the projected allocated cost of SO<sub>2</sub> and NO<sub>x</sub> emission allowances, mercury and particulates recorded in FERC Account 509, minus such costs recovered through intersystem sales.
- $G_2$  = The allocated cumulative difference between jurisdictional variable environmental revenues billed for component  $R_1$  and variable environmental costs incurred for component  $R_1$  for the period ending the last day of the month preceding the projected period utilized in  $R_1$  and  $S_2$ .
- $F_3$  = Capacity Related cost, including PURPA purchased power avoided capacity and firm natural gas transportation and storage costs, on a per kWh basis and recoverable in base rates, rounded to the nearest ten-thousandth of a cent.
- $R_2$  = The projected allocated capacity related cost, including PURPA purchased power avoided capacity and firm natural gas transportation and storage costs.
- $G_3$  = The allocated cumulative difference between jurisdictional Capacity Related revenues billed for component  $R_2$ , and capacity related costs incurred for component  $R_2$  for the period ending the last day of the month preceding the projected period utilized in  $R_2$  and  $S_2$ .
- $F_4$  = DERP avoided energy and capacity cost on a per kWh basis and recoverable in base rates, rounded to the nearest ten-thousandth of a cent.
- $R_3$  = The projected allocated avoided energy and capacity cost under DERP.
- $G_4$  = The allocated cumulative difference between jurisdictional DERP avoided energy and capacity revenues billed for component  $R_3$ , and DERP avoided energy and capacity costs incurred for component  $R_3$  for the period ending the last day of the month preceding the projected period utilized in  $R_3$  and  $S_2$ .
- $S_2$  =  $S_2$  shall be the projected jurisdictional Customer Class kWh sales for the period covered by the variable environmental, capacity related costs, and DERP avoided energy and capacity costs included in  $R_1$ ,  $R_2$ , and  $R_3$ .

The appropriate revenue-related tax factor is to be included in these calculations.

CUSTOMER CLASS FUEL RATES PER KWH

The fuel cost as determined by the Commission for each Customer Class is shown in the following table, which shall remain in effect until superseded by a subsequent Commission order; provided that the terms of S.C. Code Ann. Section 58-27-865 shall govern this calculation, and in case of any conflict this statute shall control.

	F <sub>1</sub> Rate	F <sub>2</sub> Rate	F <sub>3</sub> Rate	F <sub>4</sub> Rate	Total
Rate Class	¢/kWh	¢/kWh	¢/kWh	¢/kWh	¢/kWh
Residential	1.8123	0.0180	0.1264	0.0040	1.9607
General and Lighting	1.8123	0.0136	0.0967	0.0029	1.9255
Industrial	1.8123	0.0085	0.0653	0.0020	1.8881

The fuel cost F as determined by SCPSC Order No. for the period October 2021 through September 2022 is 1.9607 cents per kilowatt-hour for residential customers, 1.9255 cents per kilowatt-hour for general service and lighting customers and 1.8881 cents per kilowatt-hour for industrial customers. These rates exclude the appropriate revenue-related tax factor.

DERP CHARGE PER MONTH

Service supplied to the Company's retail customer agreements is subject to a DERP Monthly Charge ("DERP Charge"). The DERP Charge recovers incremental program cost to promote the installation in South Carolina of renewable energy resources including solar photovoltaic; solar thermal; wind powered; hydroelectric; geothermal; tidal or wave energy; recycling resource;

Duke Energy Carolinas, LLC

Electricity No. 4  
 South Carolina Sixth Revised Leaf No. 50C  
 Superseding South Carolina Fifth Revised Leaf No. 50C

ADJUSTMENTS FOR FUEL, VARIABLE ENVIRONMENTAL,  
 AVOIDED CAPACITY AND DISTRIBUTED ENERGY RESOURCE PROGRAM COSTS (SC)

hydrogen fueled or combined heat and power derived from renewable resources; and biomass fueled generation source of energy. This Charge is adjusted annually, pursuant to S.C. Code Ann. Section 58-39-140, as ordered by the Commission. The DERP Charge also shall include the cumulative difference between jurisdictional DERP monthly charges billed and incremental DERP expenses for the period ending the last day of the month preceding the projected period utilized in development of the DERP Charge.

This Charge is not applicable to agreements for the Company's outdoor lighting rate schedules, OL, PL, NL, nor for services defined as auxiliary to another agreement. An auxiliary service is defined as a non-demand metered, nonresidential service at the same premises, with the same service address, and with the same account name as an agreement for which the DERP Charge has been applied.

The DERP Charge is not included in the Company's current rate schedules and will apply as a separate charge to each agreement for service covered as described above, unless the service qualifies for a waiver of the DERP Charge for an auxiliary service.

To qualify as an auxiliary service, not subject to the DERP Charge, the Customer must notify the Company and the Company must verify that such agreement is considered an auxiliary service, after which the DERP Charge will not be applied to qualifying auxiliary service agreements. The Customer shall also be responsible for notifying the Company of any change in service that would no longer qualify the service as auxiliary.

FIXED MONTHLY LEAF 50C CHARGE

	Monthly Leaf 50C Charge
Residential	\$ 0.66
General Service	\$ 2.64
Industrial	\$ 100.00
Lighting	Not applicable

The appropriate revenue-related tax factor is included in these charges.



RIDER RNM (SC)  
RENEWABLE NET METERING

AVAILABILITY

This Rider is closed to new participants on and after June 1, 2021. Customers requesting net energy metered (NEM) service on and after June 1, 2021 will receive service in accordance with the NEM tariff(s) in effect at that time.

Participants and subsequent owners of the customer-generator facility (collectively, "Participants") who applied for service under this Rider prior to May 16, 2019 shall remain eligible for standard service under this Rider until December 31, 2025. Participants who applied for service under this Rider on and after May 16, 2019 and prior to June 1, 2021 shall remain eligible for standard service under this Rider until May 31, 2029. Participants will be given the option to transfer to Schedule R-STOU (Residential Service, Solar Time-of-Use) and Rider RSC (Residential Solar Choice) beginning January 1, 2022. If Participants elect not to transfer to Schedule R-STOU and Rider RSC by the applicable sunset date of December 31, 2025 or May 31, 2029, they may continue to receive service under this Rider and their applicable rate schedule subject to the following provisions:

1. Any volumetric price increase after their applicable sunset date will be placed in a non-bypassable charge based on the estimated total solar energy production of their system size.
2. Participants will be assessed a monthly minimum bill set at \$10 more than the Basic Facilities Charge at that time.
3. Monthly Excess Energy will be credited at the avoided cost rate in effect at that time, rather than carry forward to the next billing month.

Available to residential and nonresidential Customers receiving concurrent service from the Company, on a metered rate schedule, except as indicated under General Provisions. A customer-generator is an owner, operator, or lessee of an electric generation unit that generates or discharges electricity from a renewable energy resource, including an energy storage device configured to receive electrical charge solely from an onsite renewable energy resource. The renewable NEM generation, which includes a solar photovoltaic; solar thermal; wind powered; hydroelectric; geothermal; tidal or wave energy; recycling resource; hydrogen fueled or combined heat and power derived from renewable resources; or biomass fueled generation source of energy, is installed on the Customer's side of the delivery point, for the Customer's own use, interconnected with and operated in parallel with the Company's system. The generation must be located at a single premise owned, operated, leased or otherwise controlled by the Customer. The system may either be owned by the Customer or by a lessor and leased to the Customer.

GENERAL PROVISIONS

1. To qualify for service under this Rider, the Customer must comply with all applicable interconnection standards and must provide, in writing, the Nameplate Capacity of the Customer's installed renewable generation system. Any subsequent change to the Nameplate Capacity must be provided by the Customer to the Company in writing by no later than 60 days following the change.
2. To qualify for service under this Rider, a residential Customer may be served on an approved residential rate schedule, but may not be served under Rider NM. The Nameplate Capacity of Customer's installed generation system and equipment must not exceed 20 kW AC.
3. To qualify for service under this Rider, a nonresidential Customer may be served on an approved general service or industrial rate schedule, but may not be served on Schedules TS, BC, HP, PG, MP or Rider NM. The Nameplate Capacity of Customer's installed renewable generation system and equipment must not exceed the lesser of 1,000 kW AC or 100% of the Customer's contract demand which shall approximate the Customer's maximum expected demand.
4. If the Customer is not the owner of the premises receiving electric service from the Company, the Company shall have the right to require that the owner of the premises give satisfactory written approval of the Customer's request for service under this Rider.
5. All environmental attributes, including but not limited to "renewable energy certificates" (RECs), "renewable energy credits" or "green tags", associated with the generation system shall be conveyed to the Company until billing of a Distributed Energy Resource Program Rider DERP Charge is discontinued on all customer bills. The Customer certifies that the environmental attributes have not, and will not, be remarketed or otherwise resold

RIDER RNM (SC)  
RENEWABLE NET METERING

for any purpose, including another distributed energy resource standard or voluntary purchase of renewable energy certificates in South Carolina or in any other state or country for the Contract Period and any successive contract periods thereto.

6. If the electricity supplied to the Customer by the Company exceeds the electricity delivered to the grid by the customer-generator during a monthly billing period, the customer-generator shall be billed for the net electricity in kilowatt hours (kWh) supplied by the Company plus any demand or other charges under the applicable rate schedule or riders. If the electricity delivered to the grid by the customer-generator exceeds the electricity in kWh supplied by the utility during a monthly billing period, the Customer-Generator shall be credited for the excess kWh generated during that billing period.
7. Electricity delivered to the grid by the Customer's renewable generation that exceeds the electricity delivered by the Company is defined as Excess Energy. When used in conjunction with a time of use schedule, the TOU periods shall be specified in the applicable schedule and any Excess Energy shall apply first with the Excess Energy generated On-Peak kWh offsetting On-peak usage and then offsetting Off-peak usage. Any excess Off-Peak kWh shall only apply against Off-peak kWh usage. Any Excess Energy not used in the current month to offset usage shall carry forward to the next billing month, except for Participants served under this Rider beyond the applicable sunset date of December 31, 2025 or May 31, 2029, for which Excess Energy will be credited at the end of each billing month.
8. Excess Energy shall be used to reduce electricity delivered and billed by the Company during the current or a future month, except that for the March billing period any carry-over shall be compensated as described in the RATE paragraph below.
9. In the event the Company determines that it is necessary to increase the capacity of facilities beyond those required to serve the Customer's electrical requirement or to install a dedicated transformer or other equipment to protect the safety and adequacy of electric service provided to other customers, the Customer shall pay the estimated cost of the required transformer or other equipment above the estimated cost which Company would otherwise have normally incurred to serve the Customer's electrical requirement, in advance of receiving service under this Rider.
10. The rates set forth herein are subject to Commission Order No. 2015-194, issued in Docket No. 2014-246-E pursuant to the terms of S.C. Code § 58-40-20(F)(4). Eligibility for this rate will terminate as set forth in that Order, and otherwise as specified above. The value of NEM generation eligible for this Rider shall be computed using the methodology contained in Commission Order No. 2015-194, in Docket No. 2014-246-E, and shall be updated annually by the Company. The value of NEM generation for 2021 is \$0.02891 per kWh for Schedules RS, RE, ES, RB and RT; \$0.02895 per kWh for Schedule SGS; and \$0.02937 per kWh for all other schedules.

RATE

All provisions of the applicable schedule and other applicable riders will apply to service supplied under this Rider, except as modified herein. For any bill month during which the Energy Charges are a net credit, the respective Energy Charges for the month shall be zero. Credits shall not offset the Basic Facilities Charge or the Demand Charge (if applicable). In addition to all charges in the applicable rate schedule for the Customer's net electrical usage, the following credit may be applicable annually:

Credit for Excess Energy

If the Customer has Excess Energy after offsetting usage as of the date of the March billing, the Company shall pay the Customer for the amount of the accumulated Excess Energy times a rate of \$0.0270 per kWh, after which the amount of Excess Energy shall be set to zero.

Participants served under this Rider beyond the applicable sunset date of December 31, 2025 or May 31, 2029 will receive credit for Excess Energy for each billing month. These Participants will also be assessed a monthly non-bypassable charge based on their Nameplate Capacity for any volumetric price increase thereafter.

**RIDER RNM (SC)  
RENEWABLE NET METERING****MINIMUM BILL**

The monthly minimum bill for customers receiving service under this Rider shall be no less than Basic Facilities Charge from the applicable rate schedule and riders plus, if applicable, any of the following Charges: the Demand Charge, the Economy Demand Charge, Excess Demand Charge and the Extra Facilities Charge.

Participants served under this Rider beyond the applicable sunset date of December 31, 2025 or May 31, 2029 will be assessed a monthly minimum bill set at \$10 more than the Basic Facilities Charge at that time. The minimum bill will be satisfied by the Basic Facilities Charge, the portion of the Customer's monthly volumetric energy charges specific to customer and distribution costs, and riders.

Bill credits for net excess energy are not included in the calculation of the minimum bill charge. Bill credits will reduce a Customer's total bill after the minimum bill charge has been applied.

**METERING REQUIREMENTS**

The Company will furnish, install, own and maintain a billing meter to measure the kWh delivered by the Company to the Customer, and to measure the net kWh purchased by the Customer or delivered to the Company. For renewable generation capacity of 20 kW AC or less, the billing meter will be a single, bi-directional meter which records independently the net flow of electricity in each direction through the meter, unless the Customer's overall electrical requirement merits a different meter. For larger renewable generation capacities, the Company may elect to require two meters with 30-minute interval capabilities to separately record the Customer's electrical consumption and the total generator output, which will be electronically netted for billing. The Customer grants the Company the right to install, operate, and monitor special equipment to measure the Customer's generating system output, or any part thereof, and to obtain any other data necessary to determine the operating characteristics and effects of the installation. All metering shall be at a location that is readily accessible by the Company.

**SAFETY, INTERCONNECTION AND INSPECTION REQUIREMENTS**

This Rider is only applicable for installed renewable generation systems and equipment that complies with and meets all safety, performance, interconnection, and reliability standards established by the Commission, the National Electric Code, the National Electrical Safety Code, the Institute of Electrical and electronic Engineers, Underwriter's Laboratories, the Federal Energy Regulatory Commission and any local governing authorities. The Customer must comply with all liability insurance requirements of the Interconnection Standard.

**POWER FACTOR**

The Customer's renewable generation must be operated to maintain a 100% power factor, unless otherwise specified by Company. When the average monthly power factor of the power supplied by the Customer to the Company is other than 100%, the Company may correct the energy in kWh, as appropriate. The Company reserves the right to install facilities necessary for the measurement of power factor. The Company will not install such equipment, nor make a power factor correction if the renewable generation system is less than 20 kW and uses an inverter.

**CONTRACT PERIOD**

The Customer shall enter into a contract for service under this Rider for a minimum original term of one (1) year, and the contract shall automatically renew thereafter, except that either party may terminate the contract after one year by giving at least sixty (60) days prior notice of such termination in writing.

The Company reserves the right to terminate the Customer's contract under this Rider at any time upon written notice to the Customer in the event that the Customer violates any of the terms or conditions of this Rider, or operates the renewable generation system and equipment in a manner which is detrimental to the Company or any of its customers. In the event of early termination of a contract under this Rider, the Customer will be required to pay the Company for the costs due to such early termination, in accordance with the Company's South Carolina Service Regulations.

Duke Energy Carolinas, LLC

Electricity No. 4  
 South Carolina Fiftieth Revised Leaf No. 26  
 Superseding South Carolina Forty-Ninth Revised Leaf No. 26

SCHEDULE BC (SC)  
 BUILDING CONSTRUCTION SERVICE

AVAILABILITY (South Carolina Only)

Available only as temporary service to builders for use in the construction of buildings or other establishments which will receive, upon completion, permanent electric service from the Company's lines.

This Schedule is not available for permanent service to any building or other establishment, or for service to construction projects of types other than those described above. This Schedule is not available to rock crushers, asphalt plants, carnivals, fairs, or other non-permanent connections. Such service will be provided on one of the Company's General Service Schedules.

This Schedule is not available for auxiliary or breakdown service. Power delivered under this schedule shall not be used for resale or exchange or in parallel with other electric power, or as a substitute for power contracted for or which may be contracted for, under any other schedule of the Company.

TYPE OF SERVICE

The Company will furnish 60 Hertz service through one meter, at one delivery point, at 120/240 volts, single phase.

Motors of less than 5 H.P. may be single-phase. All motors of more than 5 H.P. must be equipped with starting compensators. The Company reserves the right, when in its opinion the installation would not be detrimental to the service of the Company, to permit other types of motors.

RATE:

Basic Facilities Charge	\$11.70
For the first 50 kWh used per month, per kWh	5.0652 ¢
For all over 50 kWh used per month, per kWh	4.9189 ¢

RIDERS

The following Riders are applicable to service supplied under this schedule. The currently approved cents/kWh rider increment or decrement must be added to the cents/kWh rates shown above to determine the monthly bill.

Leaf No. 62	Energy Efficiency Rider
Leaf No. 67	EDIT-1 Rider

ADJUSTMENTS FOR FUEL, VARIABLE ENVIRONMENTAL, AVOIDED CAPACITY AND DISTRIBUTED ENERGY RESOURCE PROGRAM COSTS

The cost of fuel, the variable environmental cost, avoided capacity cost of the Public Utilities Regulatory Policies Act of 1978 ("PURPA") purchased power, and Distributed Energy Resource Program ("DERP") cost is incorporated as a part of, and will apply to all service supplied under, this Schedule. Additionally, the Distributed Energy Resource Program Fixed Monthly Leaf 50 C charge shall be added to the monthly bill for each agreement for service under this schedule as outlined on Leaf 50 C.

DEFINITION OF "MONTH"

The term "month" as used in this Schedule means the period intervening between meter readings for the purposes of monthly billing. Readings are taken once a month at intervals of approximately thirty (30) days.

MINIMUM BILL

\$11.70 per month

OTHER CHARGES

There will be no charge for connection and disconnection of the temporary service if the builder accepts delivery at a point where the Company deems such delivery feasible; otherwise, there will be a charge as follows: overhead service conductors, transformers and line extensions necessary to serve such requirements will be erected and dismantled at actual cost subject to credit for facilities which may remain in permanent service. The actual cost shall include payroll, transportation, and miscellaneous expense for both erection and dismantling of the temporary facilities, plus the cost of material used, less the salvage value of the material removed.

If the builder or his subcontractors require additional temporary services at the same construction site, a charge, computed as in the foregoing, shall be made for each such service.

# ATTACHMENT A

Duke Energy Carolinas, LLC

Electricity No. 4  
South Carolina Fiftieth Revised Leaf No. 26  
Superseding South Carolina Forty-Ninth Revised Leaf No. 26

## SCHEDULE BC (SC) BUILDING CONSTRUCTION SERVICE

The Company may require a deposit equal to the estimated cost of connection and disconnection plus the estimated billing on the foregoing rate for the period involved, said deposit to be returned if the contract period is fulfilled.

### SALES TAX AND MUNICIPAL FEES

Any applicable sales tax, municipal service agreement fee, business license fee or other fee assessed by or remitted to a state or local governmental authority will be added to the charges determined above.

### PAYMENT

Bills under the Schedule are due and payable on the date of the bill at the office of the Company. Bills are past due and delinquent on the fifteenth day after the date of the bill. If any bill is not so paid, the Company has the right to suspend service. In addition, all bills not paid by the twenty-fifth day after the date of the bill shall be subject to a one and one-half percent (1 1/2%) late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of and be due and payable with the bill on which it is rendered.

### CONTRACT PERIOD

The term of this contract shall be the estimated length of time, declared by the builder on making application for service, required for completion of construction at the location where service is requested. The builder shall notify the Company when construction is completed. If at any time during the term of this contract, inspection discloses construction completed, or energy being used for purposes other than that set forth in this Schedule, the contract shall be deemed terminated, and billing for service thereafter, until disconnection is requested, shall be on the one of the Company's general service schedules.

If the Customer requests an amendment to or termination of the service agreement before the expiration of the initial term of the agreement, the Customer shall pay to the Company an early termination charge as set forth in the Company's Service Regulations.

SCHEDULE ES (SC)  
RESIDENTIAL SERVICE, ENERGY STARAVAILABILITY (South Carolina Only)

Available only to residential customers in residences, condominiums, manufactured homes, or individually-metered apartments which provide independent and permanent facilities complete for living, sleeping, eating, cooking, and sanitation, and which are certified to meet the standards of the Energy Star program of the United States Department of Energy and Environmental Protection Agency.

To qualify for service under this Schedule, compliance with the Energy Star standards must be verified by a third party independent Home Energy Rating System (HERS) rater working for an approved HERS provider.

Power delivered under this schedule shall not be used for resale or exchange or in parallel with other electric power or as a substitute for power contracted for or which may be contracted for, under any other schedule of the Company, except at the option of the Company, or for service in conjunction with Rider RNM or Rider IRSC, under special terms and conditions expressed in writing in the contract with the customer.

Electric space heating and/or electric domestic water heating are not required, but if present, must meet the standards outlined below to qualify for the All-Electric rate, and must be permanently installed in accordance with sound engineering practices and the manufacturer's recommendations. In addition, to qualify for service under this schedule all electric energy used in the dwelling must be recorded through a single meter.

Energy Star Home Certification criteria may vary based on the geographical location of the residence. The criteria for each county served by Company and a list of independent HERS raters are available from the Company or on the Energy Star web site at [www.energystar.gov](http://www.energystar.gov).

TYPE OF SERVICE

The Company will furnish 60 Hertz service through one meter, at one delivery point, at one of the following approximate voltages, where available:

- Single-phase, 120/240 volts; or
- 3-phase, 208Y/120 volts; or other available voltages at the Company's option.

Motors in excess of 2 H. P., frequently started, or arranged for automatic control, must be of a type to take the minimum starting current and must be equipped with controlling devices approved by the Company.

Three-phase service will be supplied, if available. Where three-phase and single-phase service is supplied through the same meter, it will be billed on the rate below. Where three-phase service is supplied through a separate meter, it will be billed on the applicable General Service schedule.

RATE:

	<u>Standard</u>	<u>All-Electric</u>
I. Basic Facilities Charge per month	\$11.96	\$11.96
II. Energy Charges		
For the first 1000 kWh used per month, per kWh	9.9864 ¢	8.5649 ¢
For all over 1000 kWh used per month, per kWh	10.6074 ¢	9.3714 ¢

RIDERS

The following Riders are applicable to service supplied under this schedule. The currently approved cents/kWh rider increment or decrement must be added to the cents/kWh rates shown above to determine the monthly bill.

Leaf No. 62      Energy Efficiency Rider  
Leaf No. 67      EDIT-1 Rider

ADJUSTMENTS FOR FUEL, VARIABLE ENVIRONMENTAL, AVOIDED CAPACITY AND DISTRIBUTED ENERGY RESOURCE PROGRAM COSTS

The cost of fuel, the variable environmental cost, avoided capacity cost of the Public Utilities Regulatory Policies Act of 1978 ("PURPA") purchased power, and Distributed Energy Resource Program ("DERP") cost is incorporated as a part of, and will apply

SCHEDULE ES (SC)  
RESIDENTIAL SERVICE, ENERGY STAR

to all service supplied under, this Schedule. Additionally, the Distributed Energy Resource Program Fixed Monthly Leaf 50 C charge shall be added to the monthly bill for each agreement for service under this schedule as outlined on Leaf 50 C.

REQUIREMENTS

The Standard rate is applicable to residences where the Energy Star standards are met, irrespective of the source of energy used for water heating or environmental space conditioning.

The All-Electric rate is applicable to residences where the Energy Star standards are met and all energy required for all water heating, cooking, clothes drying, and environmental space conditioning is supplied electrically, except that which may be supplied by supplemental non-fossil sources such as solar.

Water heaters shall be of the automatic insulated storage type, of not less than 30-gallon capacity and may be equipped with only a lower element or with a lower element and an upper element.

1. Water heaters having only a lower element may have wattages up to but not exceeding the wattages shown below for various tank capacities.

<u>Tank Capacity in Gallons</u>	<u>Maximum Single Element Wattage</u>
30 - 49	4500
50 – 119	5500
120 and larger	Special approval

2. The total wattage of the elements in a water heater with a lower element and an upper element may not exceed the specific wattages above unless the water heater has interlocking thermostats to prevent simultaneous operation of the two elements such that the maximum wattage is not exceeded during operation.

Billing of service under this schedule will begin after the Customer has provided the Company with certification that the residence meets the Energy Star standards. In addition, if the residence meets the All-electric requirements, billing of service under the All-Electric rate will begin after the Customer has provided satisfactory documentation that the residence meets the All-Electric rate requirements. The Company at all reasonable times shall have the right to periodically inspect the premises of the Customer for compliance with the requirements, subsequent to the initial inspection.

SALES TAX AND MUNICIPAL FEES

Any applicable sales tax, municipal service agreement fee, business license fee, or other fee assessed by or remitted to a state or local government authority will be added to the charges determined above.

PAYMENT

Bills under the Schedule are due and payable on the date of the bill at the office of the Company. Bills are past due and delinquent on the twenty-fifth day after the date of the bill. In addition, all bills not paid by the twenty-fifth day after the date of the bill shall be subject to a one and one-half percent (1 1/2%) late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of and be due and payable with the bill on which it is rendered.

CONTRACT PERIOD

The original term of this contract shall be one year, and thereafter, until terminated by either party on thirty days' written notice.

Duke Energy Carolinas, LLC

Electricity No. 4  
 South Carolina Fifty-Second Revised Leaf No. 41  
 Superseding South Carolina Fifty-First Revised Leaf No. 41

SCHEDULE I (SC)  
 INDUSTRIAL SERVICE

AVAILABILITY (South Carolina Only)

Available only to establishments classified as "Manufacturing Industries" by the Standard Industrial Classification Manual published by the United States Government, and where more than 50% of the electric energy consumption of such establishment is used for its manufacturing processes.

Service under this Schedule shall be used solely by the contracting Customer in a single enterprise, located entirely on a single, contiguous premise.

This Schedule is not available for auxiliary or breakdown service. Power delivered under this schedule shall not be used for resale or exchange or in parallel with other electric power, or as a substitute for power contracted for or which may be contracted for, under any other schedule of the Company, or for service in conjunction with Rider RNM or Rider NSC, except at the option of the Company, under special terms and conditions expressed in writing in the contract with the Customer.

The obligations of the Company in regard to supplying power are dependent upon its securing and retaining all necessary rights-of-way, privileges, franchises and permits, for the delivery of such power. The Company shall not be liable to any customer or applicant for power in the event it is delayed in, or is prevented from, furnishing the power by its failure to secure and retain such rights-of-way, rights, privileges, franchises and permits.

TYPE OF SERVICE

The Company will furnish 60 Hertz service through one meter, at one delivery point, at one of the following approximate voltages, where available:

Single-phase, 120/240 volts; or  
 3-phase, 208Y/120 volts, 460Y/265 volts, 480Y/277 volts; or  
 3-phase, 3-wire, 240, 460, 480, 575, or 2300 volts; or  
 3-phase, 4160Y/2400, 12470Y/7200, or 24940Y/14400 volts; or  
 3-phase voltages other than those listed above may be available at the Company's option if the size of the Customer's contract warrants a substation solely to serve that Customer, and if the Customer furnishes suitable outdoor space on the premises to accommodate a ground-type transformer installation, or substation, or a transformer vault built in accordance with the Company's specifications.

The type of service supplied will depend upon the voltage available. Prospective customers should determine the available voltage by contacting the nearest office of the Company before purchasing equipment.

Motors of less than 5 H.P. may be single-phase. All motors of more than 5 H.P. must be equipped with starting compensators. The Company reserves the right, when in its opinion the installation would not be detrimental to the service of the Company, to permit other types of motors.

RATE:

I.	Basic Facilities Charge per month	\$ 24.25
II.	Demand Charge	
	For the first 30 kW of Billing Demand per month, per kW	No Charge
	For all over 30 kW of Billing Demand per month, per kW	\$ 4.7408
II.	Energy Charge	
	<u>For the First 125 kWh per kW Billing Demand per Month:</u>	
	For the first 3,000 kWh per month, per kWh	11.9341 ¢
	For the next 87,000 kWh per month, per kWh	6.0767 ¢
	For all over 90,000 kWh per month, per kWh	4.5733 ¢
	<u>For the Next 275 kWh per kW Billing Demand per Month:</u>	
	For the first 140,000 kWh per month, per kWh	6.0693 ¢
	For the next 60,000 kWh per month, per kWh	5.6422 ¢
	For all over 200,000 kWh per month, per kWh	5.0939 ¢
	<u>For all Over 400 kWh per kW Billing Demand per Month:</u>	
	For the first 1,000,000 kWh per month, per kWh	4.8993 ¢
	For all over 1,000,000 kWh per month, per kWh	4.8009 ¢



Duke Energy Carolinas, LLC

Electricity No. 4  
 South Carolina Fifty-Second Revised Leaf No. 41  
 Superseding South Carolina Fifty-First Revised Leaf No. 41

SCHEDULE I (SC)  
 INDUSTRIAL SERVICE

RIDERS

The following Riders are applicable to service supplied under this schedule. The currently approved cents/kWh rider increment or decrement must be added to the cents/kWh rates shown above to determine the monthly bill.

Leaf No. 62      Energy Efficiency Rider  
 Leaf No. 67      EDIT-1 Rider

ADJUSTMENTS FOR FUEL, VARIABLE ENVIRONMENTAL, AVOIDED CAPACITY AND DISTRIBUTED ENERGY RESOURCE PROGRAM COSTS

The cost of fuel, the variable environmental cost, avoided capacity cost of the Public Utilities Regulatory Policies Act of 1978 ("PURPA") purchased power, and Distributed Energy Resource Program ("DERP") cost is incorporated as a part of, and will apply to all service supplied under, this Schedule. Additionally, the Distributed Energy Resource Program Fixed Monthly Leaf 50 C charge shall be added to the monthly bill for each agreement for service under this schedule as outlined on Leaf 50 C.

DEFINITION OF "MONTH"

The term "month" as used in this Schedule means the period intervening between meter readings for the purposes of monthly billing. Readings are taken once a month at intervals of approximately thirty (30) days.

DETERMINATION OF BILLING DEMAND

The Billing Demand each month shall be the largest of the following:

1. The maximum integrated thirty-minute demand measured during the month for which the bill is rendered.
2. Fifty percent (50%) of the maximum integrated thirty-minute demand during the billing months of June-September within the previous 12 months including the month for which the bill is rendered.
3. Fifty percent (50%) of the Contract Demand
4. 30 kilowatts (kW)

The Company will install a permanent demand meter when the monthly usage of the Customer equals or exceeds 3,000 kWh per month, or when tests indicate a demand of 15 kW or more. The Company may, at its option, install a demand meter for any customer served under this schedule

MINIMUM BILL

The minimum bill shall be the bill calculated on the Rate above including the Basic Facilities Charge, Demand Charge and Energy Charge, but the bill shall not be less than the amount determined as shown below according to the type of minimum selected by the Company:

## Monthly

\$2.04 per kW per month of Contract Demand

If the Customer's measured demand exceeds the Contract Demand, the Company may, at any time, establish the minimum based on the maximum integrated demand in the previous 12 months including the month for which the bill is rendered, instead of the Contract Demand.

## Annual

\$38.85 per kW per year of Contract Demand

The Company may choose this option when the Customer's service is seasonal or erratic, or it may offer the Customer a monthly minimum option.

Unless otherwise specified in the contract, the billing procedure for annual minimums will be as follows:

For each month of the contract year when energy is used, a monthly bill will be calculated on the Rate above. For each month of the contract year when no energy is used, no monthly amount will be billed. The bill for the last month of the contract year will be determined as follows:

-- If the total of the charges for 12 months exceeds the annual minimum, the last bill of the contract year will include only the charges for that month.

# ATTACHMENT A

Duke Energy Carolinas, LLC

Electricity No. 4  
South Carolina Fifty-Second Revised Leaf No. 41  
Superseding South Carolina Fifty-First Revised Leaf No. 41

## SCHEDULE I (SC) INDUSTRIAL SERVICE

-- If the total of the charges for 12 months is less than the annual minimum, the last bill of the contract year will include an amount necessary to satisfy the annual minimum.

### POWER FACTOR CORRECTION

When the average monthly power factor of the Customer's power requirements is less than 85 percent, the Company may correct the integrated demand in kilowatts for that month by multiplying by 85 percent and dividing by the average power factor in percent for that month.

### SALES TAX AND MUNICIPAL FEES

Any applicable sales tax, municipal service agreement fee, business license fee or other fee assessed by or remitted to a state or local governmental authority will be added to the charges determined above.

### PAYMENT

Bills under the Schedule are due and payable on the date of the bill at the office of the Company. Bills are past due and delinquent on the fifteenth day after the date of the bill. If any bill is not so paid, the Company has the right to suspend service. In addition, all bills not paid by the twenty-fifth day after the date of the bill shall be subject to a one and one-half percent (1 1/2%) late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of and be due and payable with the bill on which it is rendered.

### CONTRACT PERIOD

Each customer shall enter into a contract to purchase electricity from the Company for a minimum original term of one (1) year, and thereafter from year to year upon the condition that either party can terminate the contract at the end of the original term, or at any time thereafter by giving at least sixty (60) days' previous notice of such termination in writing; but the Company may require a contract for a longer original term of years where the requirement is justified by the circumstances.

If the Customer requests an amendment to or termination of the service agreement before the expiration of the initial term of the agreement, the Customer shall pay to the Company an early termination charge as set forth in the Company's Service Regulations.

SCHEDULE LGS (SC)  
GENERAL SERVICEAVAILABILITY (South Carolina Only)

Available to the individual customer with a kilowatt demand of more than 75 kW. If the customer's measured demand is 75 kW or less for twelve consecutive months, the customer will be served under Schedule SGS.

Service under this Schedule shall be used solely by the contracting Customer in a single enterprise, located entirely on a single, contiguous premises.

This Schedule is not available to the individual customer who qualifies for a residential or industrial schedule nor for auxiliary or breakdown service. Power delivered under this schedule shall not be used for resale or exchange or in parallel with other electric power, or as a substitute for power contracted for or which may be contracted for, under any other schedule of the Company, except at the option of the Company, or for service in conjunction with Rider RNM or Rider NSC, under special terms and conditions expressed in writing in the contract with the Customer.

The obligations of the Company in regard to supplying power are dependent upon its securing and retaining all necessary rights-of-way, privileges, franchises and permits, for the delivery of such power. The Company shall not be liable to any customer or applicant for power in the event it is delayed in, or is prevented from, furnishing the power by its failure to secure and retain such rights-of-way, rights, privileges, franchises and permits.

TYPE OF SERVICE

The Company will furnish 60 Hertz service through one meter, at one delivery point, at one of the following approximate voltages, where available:

Single-phase, 120/240 volts, 120/208 volts, 240/480 volts or other available single-phase voltages at the company's option; or  
3-phase, 208Y/120 volts, 460Y/265 volts, 480Y/277 volts; or  
3-phase, 3-wire, 240, 460, 480, 575, or 2300 volts; or  
3-phase, 4160Y/2400, 12470Y/7200, or 24940Y/14400 volts; or  
3-phase voltages other than those listed above may be available at the Company's option if the size of the Customer's contract warrants a substation solely to serve that Customer, and if the Customer furnishes suitable outdoor space on the premises to accommodate a ground-type transformer installation, or substation, or a transformer vault built in accordance with the Company's specifications.

The type of service supplied will depend upon the voltage available. Prospective customers should determine the available voltage by contacting the nearest office of the Company before purchasing equipment.

Motors of less than 5 H.P. may be single-phase. All motors of more than 5 H.P. must be equipped with starting compensators. The Company reserves the right, when in its opinion the installation would not be detrimental to the service of the Company, to permit other types of motors.

RATE:

I.	Basic Facilities Charge per month	\$26.54
II.	Demand Charge	
	For the first 30 kW of Billing Demand per kW, per month	No Charge
	For all over 30 kW of Billing Demand per kW, per month	\$4.2655
II.	Energy Charge	
	<u>For the First 125 kWh per KW Billing Demand per Month:</u>	
	For the first 3,000 kWh per month, per kWh	13.1939 ¢
	For the next 87,000 kWh per month, per kWh	6.8327 ¢
	For all over 90,000 kWh per month, per kWh	5.7037 ¢
	<u>For the Next 275 kWh per KW Billing Demand per Month:</u>	
	For the first 6,000 kWh per month, per kWh	6.9243 ¢
	For the next 134,000 kWh per month, per kWh	6.8439 ¢
	For all over 140,000 kWh per month, per kWh	6.0286 ¢
	<u>For all Over 400 kWh per KW Billing Demand per Month:</u>	
	For all kWh per month, per kWh	5.2900 ¢

Duke Energy Carolinas, LLC

Electricity No. 4  
 South Carolina Twentieth Revised Leaf No. 29  
 Superseding South Carolina Nineteenth Revised Leaf No. 29

SCHEDULE LGS (SC)  
 GENERAL SERVICE

RIDERS

The following Riders are applicable to service supplied under this schedule. The currently approved cents/kWh rider increment or decrement must be added to the cents/kWh rates shown above to determine the monthly bill.

Leaf No. 62      Energy Efficiency Rider  
 Leaf No. 67      EDIT-1 Rider

ADJUSTMENTS FOR FUEL, VARIABLE ENVIRONMENTAL, AVOIDED CAPACITY AND DISTRIBUTED ENERGY RESOURCE PROGRAM COSTS

The cost of fuel, the variable environmental cost, avoided capacity cost of the Public Utilities Regulatory Policies Act of 1978 ("PURPA") purchased power, and Distributed Energy Resource Program ("DERP") cost is incorporated as a part of, and will apply to all service supplied under, this Schedule. Additionally, the Distributed Energy Resource Program Fixed Monthly Leaf 50 C charge shall be added to the monthly bill for each agreement for service under this schedule as outlined on Leaf 50 C.

DEFINITION OF "MONTH"

The term "month" as used in this Schedule means the period intervening between meter readings for the purposes of monthly billing. Readings are taken once a month at intervals of approximately thirty (30) days.

DETERMINATION OF BILLING DEMAND

The Billing Demand each month shall be the largest of the following:

1. The maximum integrated thirty-minute demand measured during the month for which the bill is rendered.
2. Fifty percent (50%) of the maximum integrated thirty-minute demand during the billing months of June-September within the previous 12 months including the month for which the bill is rendered.
3. Fifty percent (50%) of the Contract Demand
4. 30 kilowatts (kW)

The Company will install a permanent demand meter for all customers under this Schedule.

MINIMUM BILL

The minimum bill shall be the bill calculated on the Rate above including the Basic Facilities Charge, Demand Charge and Energy Charge, but the bill shall not be less than the amount determined as shown below according to the type of minimum selected by the Company:

## Monthly

\$1.94 per kW per month of the Contract Demand

If the Customer's measured demand exceeds the Contract Demand, the Company may, at any time, establish the minimum based on the maximum integrated demand in the previous 12 months including the month for which the bill is rendered, instead of the Contract Demand.

## Annual

\$37.04 per kW per year of the Contract Demand

The Company may choose this option when the Customer's service is seasonal or erratic, or it may offer the Customer a monthly minimum option.

Unless otherwise specified in the contract, the billing procedure for annual minimums will be as follows:

For each month of the contract year when energy is used, a monthly bill will be calculated on the Rate above. For each month of the contract year when no energy is used, no monthly amount will be billed. The bill for the last month of the contract year will be determined as follows:

- If the total of the charges for 12 months exceeds the annual minimum, the last bill of the contract year will include only the charges for that month.
- If the total of the charges for 12 months is less than the annual minimum, the last bill of the contract year will include an amount necessary to satisfy the annual minimum.

South Carolina Twentieth Revised Leaf No. 29  
 Effective for service rendered on and after October 1, 2021  
 PSCSC Docket No. 2021-3-E, Order No. 2021-668

# ATTACHMENT A

Duke Energy Carolinas, LLC

Electricity No. 4  
South Carolina Twentieth Revised Leaf No. 29  
Superseding South Carolina Nineteenth Revised Leaf No. 29

## SCHEDULE LGS (SC) GENERAL SERVICE

### POWER FACTOR CORRECTION

When the average monthly power factor of the Customer's power requirements is less than 85 percent, the Company may correct the integrated demand in kilowatts for that month by multiplying by 85 percent and dividing by the average power factor in percent for that month.

### SALES TAX AND MUNICIPAL FEES

Any applicable sales tax, municipal service agreement fee, business license fee or other fee assessed by or remitted to a state or local governmental authority will be added to the charges determined above.

### PAYMENT

Bills under the Schedule are due and payable on the date of the bill at the office of the Company. Bills are past due and delinquent on the fifteenth day after the date of the bill. If any bill is not so paid, the Company has the right to suspend service. In addition, all bills not paid by the twenty-fifth day after the date of the bill shall be subject to a one and one-half percent (1 1/2%) late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of and be due and payable with the bill on which it is rendered.

### CONTRACT PERIOD

Each customer shall enter into a contract to purchase electricity from the Company for a minimum original term of one (1) year, and thereafter from year to year upon the condition that either party can terminate the contract at the end of the original term, or at any time thereafter by giving at least sixty (60) days' previous notice of such termination in writing; but the Company may require a contract for a longer original term of years where the requirement is justified by the circumstances.

If the Customer requests an amendment to or termination of the service agreement before the expiration of the initial term of the agreement, the Customer shall pay to the Company an early termination charge as set forth in the Company's Service Regulations.

SCHEDULE MP (SC)  
MULTIPLE PREMISES SERVICE  
(Pilot)AVAILABILITY

This schedule is closed and not available to customers not served on this Schedule prior to February 1, 2010 and shall remain in effect for both new and existing locations of customers under continually effective agreements for this Schedule made prior to February 1, 2010.

Available, at the Company's option, to up to twenty business entities on the Duke system for service to two or more non-contiguous premises, located entirely within the state of South Carolina, provided that the total of the contract demands for all premises served under this schedule is at least 5000 kW, and provided that each delivery point has a minimum contract demand of 30 kW. A business entity is defined as a single corporation, partnership, or individual owner. This schedule is not available for individual franchise units of a business, nor for subsidiaries operating as a separate corporation or partnership. The Company will make the final determination as to what constitutes a business entity and applicable premises to be served under this schedule.

Service under this schedule is not available when multiple delivery points exist on contiguous premises unless such multiple delivery points are combined under the Extra Facilities provision of the Company's Service Regulations. For the purposes of this rate, premises is defined as the land and buildings or other facilities on it that require the use of electricity. The customer will not be required to include a delivery point with other services provided to the premises, if the service has a contract demand of less than 30 kW. Service to such delivery points will be served under another applicable schedule.

This Schedule is not available to establishments that would otherwise qualify for a residential service schedule. Power delivered under this schedule shall not be used for resale or exchange or in parallel with other electric power.

The obligations of the Company in regard to supplying power are dependent upon its securing and retaining all necessary rights of way, privileges, franchises, permits, for the delivery of such power. The Company shall not be liable to any customer or applicant for power in the event it is delayed, or is prevented from furnishing the power by its failure to secure and retain such rights of way, rights, privileges, franchises, and permits.

TYPE OF SERVICE

The Company will furnish 60 Hertz service through one meter, at one delivery point, at one of the following approximate voltages, where available:

Single-phase, 120/240 volts; or  
3-phase, 208Y/120 volts, 460Y/265 volts, 480Y/277 volts; or  
3-phase, 3-wire, 240, 460, 480, 575, or 2300 volts; or  
3-phase, 4160Y/2400, 12470Y/7200, or 24940Y/14400 volts; or  
3-phase voltages other than those listed above may be available at the Company's option if the size of the Customer's contract warrants a substation solely to serve that Customer, and if the Customer furnishes suitable outdoor space on the premises to accommodate a ground-type transformer installation, or substation, or a transformer vault built in accordance with the Company's specifications.

The type of service supplied will depend upon the voltage available. Prospective customers should determine the available voltage by contacting the nearest office of the Company before purchasing equipment.

Motors of less than 5 H.P. may be single-phase. All motors of more than 5 H.P. must be equipped with starting compensators. The Company reserves the right, when in its opinion the installation would not be detrimental to the service of the Company, to permit other types of motors.

RATE:

I.	Basic Facilities Charge per month	\$25.91	\$25.91
II.	Demand Charge	Summer Months June 1 – September 30	Winter Months October 1 – May 31
A.	On-Peak Demand Charge		
	Transmission Level Billing Demand, per kW	\$ 16.4759	\$ 9.3815
	Distribution Level Billing Demand, per kW	\$ 17.8535	\$ 10.7590
B.	Excess Demand Charge		
	Each KW of the Excess Demand, per kW	\$ 1.6759	\$ 1.6759

Duke Energy Carolinas, LLC

Electricity No. 4  
 South Carolina Fortieth Revised Leaf No. 58  
 Superseding South Carolina Thirty-Ninth Revised Leaf No. 58

SCHEDULE MP (SC)  
 MULTIPLE PREMISES SERVICE  
 (Pilot)

## III. Energy Charges

The Energy Charge for customers receiving service in establishments classified as “Manufacturing Industries” by the Standard Industrial Classification Manual published by the United States Government, and where more than 50% of the electric energy consumption of such establishment is used for its manufacturing processes is shown below under “Industrial Service”. The rate for all other customers on this schedule is shown under “General Service”.

	<u>General Service</u>	<u>Industrial Service</u>
	<u>All Months</u>	<u>All Months</u>
A. On-Peak energy per month, per kW	6.3573 ¢	6.3179 ¢
B. Off-Peak energy per month, per kW	2.7020 ¢	2.6636 ¢

RIDERS

The following Riders are applicable to service supplied under this schedule. The currently approved cents/kWh rider increment or decrement must be added to the cents/kWh rates shown above to determine the monthly bill.

Leaf No. 62 Energy Efficiency Rider  
 Leaf No. 67 EDIT-1 Rider

ADJUSTMENTS FOR FUEL, VARIABLE ENVIRONMENTAL, AVOIDED CAPACITY AND DISTRIBUTED ENERGY RESOURCE PROGRAM COSTS

The cost of fuel, the variable environmental cost, avoided capacity cost of the Public Utilities Regulatory Policies Act of 1978 (“PURPA”) purchased power, and Distributed Energy Resource Program (“DERP”) cost is incorporated as a part of, and will apply to all service supplied under, this Schedule. Additionally, the Distributed Energy Resource Program Fixed Monthly Leaf 50 C charge shall be added to the monthly bill for each agreement for service under this schedule as outlined on Leaf 50 C.

DETERMINATION OF ON-PEAK AND OFF-PEAK HOURS

	<u>Summer Months</u> <u>June 1 – September 30</u>	<u>Winter Months</u> <u>October 1 – May 31</u>
On-Peak Hours	1:00 p.m. – 9:00 p.m. Monday – Friday	6:00 a.m. – 1:00 p.m. Monday - Friday
Off-Peak Hours	All other weekday hours and all Saturday and Sunday hours.	

DETERMINATION OF BILLING DEMAND

A. The On-Peak Billing Demand each month shall be the largest of the following:

1. The 30-minute integrated demand which is coincident with maximum 30-minute integrated demand for all customer premises served under this schedule.
2. Fifty percent (50%) of the Premises Contract Demand
3. 30 kW

Transmission Level Billing Demand applies to a delivery point served from the Company’s 44 kV system or above, provided that the delivery voltage is a minimum of 4 kV for initial permanent service to a premises. Distribution Level Billing Demand applies to all other premises served under this schedule.

When the 30-minute integrated demand which is coincident with maximum 30-minute integrated demand for all customer premises served under this schedule cannot be determined due to either commencement of service at a premises after the beginning of the billing period, or cessation of service at a premises prior to the end of the normal billing period, then the highest 30-minute integrated demand for the premises during the on-peak period served for that month will be used in (A.1) above.

## B. Excess Demand

To determine the Excess Demand, the maximum integrated thirty-minute demand for the month for which the bill is rendered shall be compared to the On-Peak Billing Demand as determined in (A.) above. The difference shall be the Excess Demand for billing purposes.

South Carolina Fortieth Revised Leaf No. 58  
 Effective for service rendered on and after October 1, 2021  
 PSCSC Docket No. 2021-3-E, Order No. 2021-668

SCHEDULE MP (SC)  
MULTIPLE PREMISES SERVICE  
(Pilot)BILLING PROCEDURES

The Company will calculate a separate charge for each premises served under this schedule. Each premises will be billed a Basic Facilities Charge, Demand Charge, Energy Charge, and if applicable, Extra Facilities Charges, and Remote Metering Charges. Any applicable sales tax or other fee assessed by or remitted to a state or local governmental authority will be added to the charge for each premises. The total of the bills calculated for each premises will be provided to the Customer.

CONTRACT DEMAND

The Company will require contracts for each premises to specify a Premises Contract Demand. The Premises Contract Demand shall be the maximum demand to be delivered to each premises under normal conditions. The sum of the Premises Contract Demands for each premises served under this schedule shall be known as the Total Multiple Premises Contract Demand and shall not be less than 5000 kW.

METERING AND OTHER EQUIPMENT

Service supplied under this schedule will be metered through a metering system capable of measuring electrical demand and energy at all hours each day. For billing purposes, demand and energy will be determined from electronic pulse data, in lieu of readings taken from a standard meter.

If an individual premise to be served has a contract demand of 5000 kW or greater, no additional metering charges are applicable; however, if the contract demand is less than 5000 kW, remote metering charges in accordance with the Company's Remote Meter Reading and Usage Data Service will apply.

The Company shall have the right to install special metering and load research devices on the Customer's equipment, and the right to use the Customer's telephone line for communication with the Company's and the Customer's equipment.

DEFINITION OF "MONTH"

The term "month" as used in this Schedule means the period intervening between meter readings for the purposes of monthly billing. Readings are taken each month at intervals of approximately thirty (30) days.

Summer hours and rates are applicable for service from June 1 through September 30. Winter hours and rates are applicable for service from October 1 through May 31.

MINIMUM BILL

The minimum bill shall be the bill for each premises calculated on the rate above.

POWER FACTOR CORRECTION

When the average monthly power factor of the Customer's power requirements is less than 85 percent, the Company may correct the integrated demand in kilowatts for that month by multiplying by 85 percent and dividing by the average power factor in percent for that month.

SALES TAX AND MUNICIPAL FEES

Any applicable sales tax, municipal service agreement fee, business license fee or other fee assessed by or remitted to a state or local government authority will be added to the charges determined above.

PAYMENT

Bills under the Schedule are due and payable on the date of the bill at the office of the Company. Bills are past due and delinquent on the fifteenth day after the date of the bill. In addition, all bills not paid by the twenty-fifth day after the date of the bill shall be subject to a one and one-half percent (1 1/2%) late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of and be due and payable with the bill on which it is rendered.

CONTRACT PERIOD

Each customer shall enter into a contract to purchase electricity from the Company for a minimum original term of one (1) year, and thereafter from year to year upon the condition that either party can terminate the contract at the end of the original term, or any time thereafter, by giving at least sixty (60) days previous notice of such termination in writing; but the Company may require a contract for a longer original term of years where the requirement is justified by the circumstances. Each customer served under this pilot shall enter a contract to be served under this schedule for a minimum of one (1) year. The



# ATTACHMENT A

Duke Energy Carolinas, LLC

Electricity No. 4  
South Carolina Fortieth Revised Leaf No. 58  
Superseding South Carolina Thirty-Ninth Revised Leaf No. 58

## SCHEDULE MP (SC) MULTIPLE PREMISES SERVICE (Pilot)

Company reserves the right to terminate service supplied under this schedule for any violation of the terms and conditions of this schedule.

If the Customer requests an amendment to or termination of the agreement before the expiration of the initial term of the agreement, the Customer shall pay to the Company an early termination charge as set forth in the Company's Service Regulations.

SCHEDULE NL (SC)  
NONSTANDARD LIGHTING SERVICEAVAILABILITY (South Carolina Only)

This Schedule is closed and not available to new installations after June 1, 2019, but remains in effect for continually effective agreements under this Schedule. Available, at the Company's option, for outdoor lighting applications not offered under one of the Company's standard lighting tariffs which may include new technologies. The type of luminaire(s) and services provided will be included in the contract with the Customer.

RATE:

The monthly rate for this service will be determined as follows:

Monthly Services Payment = Levelized Capital Cost + Expenses + [Energy per month X 5.8907 ¢ per kWh]

Where:

Levelized Capital Cost is equal to the present value of all estimated capital related cash flows for a period corresponding to the time of engineering, design and installation of equipment through the term of the contract, adjusted to a pre-tax amount and converted to a uniform monthly payment for the term of the contract. The estimated capital cash flows shall include installed cost of equipment, contingency allowances, property taxes, salvage value, adjustment to reflect additional supporting investment of general plant nature, and income tax impacts.

Expenses shall equal the present value of estimated expenses associated with the support and maintenance of the generation and equipment, adjusted to a pre-tax amount and converted to a uniform monthly payment for the term of the contract. The estimated expenses shall include administrative and general expenses, expenses for labor and materials related to operations and maintenance, third party expenses for operations and maintenance, warranties, insurance, annual costs associated with working capital, other costs related to the operation and support of the lighting installation, and income tax impacts.

The after tax cost of capital from the Company's most recent general rate case will be used to convert present values to uniform monthly payments.

Energy is equal to the estimated average kilowatt hours used per month under this agreement.

RIDERS

The following Riders are applicable to service supplied under this schedule. The currently approved cents/kWh rider increment or decrement must be added to the cents/kWh rate shown above to determine the monthly bill.

Leaf No. 67      EDIT-1 Rider

ADJUSTMENTS FOR FUEL, VARIABLE ENVIRONMENTAL, AVOIDED CAPACITY AND DISTRIBUTED ENERGY RESOURCE PROGRAM COSTS

The cost of fuel, the variable environmental cost, avoided capacity cost of the Public Utilities Regulatory Policies Act of 1978 ("PURPA") purchased power, and Distributed Energy Resource Program ("DERP") cost is incorporated as a part of, and will apply to all service supplied under, this Schedule.

SALES TAX AND MUNICIPAL FEES

Any applicable sales tax, municipal service agreement fee, business license fee or other fee assessed by or remitted to a state or local governmental authority will be added to the charges determined.

OPTIONAL PREPAYMENT OF LEVELIZED CAPITAL COST

The Customer may, at its option, prepay the Levelized Capital Cost, in which case the monthly rate per luminaire shall be the Expenses plus Energy charges. The prepayment amount shall be the net present value of the after-tax cash flow of the Levelized Capital Cost using the current after-tax cost of capital.

PAYMENT

Bills under this Schedule are due and payable on the date of the bill at the office of the Company. Bills are past due and delinquent on the fifteenth day after the date of the bill. In addition, all bills not paid by the twenty-fifth day after the date of the bill shall be subject to a one and one-half percent (1 1/2%) late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of, and be due and payable with, the bill on which it is rendered.

CONTRACT PERIOD

Each customer shall enter into a contract for Nonstandard Lighting Service from the Company for an original term of five (5) years, after which agreement terminates unless the customer enters into a new five (5) year contract for Nonstandard Lighting Service. In the event of early termination of an Agreement under this program, the Customer may be required to pay the Company a termination fee equal to the net present value of the Monthly Service Fee, less the Energy Charge, for the remainder of the term of the contract.

# ATTACHMENT A

Duke Energy Carolinas, LLC

Electricity No. 4  
South Carolina Nineteenth Revised Leaf No. 35  
Superseding South Carolina Eighteenth Revised Leaf No. 35

## SCHEDULE NL (SC) NONSTANDARD LIGHTING SERVICE

However, if any successor customer has requested service supplied under this schedule prior to the effective date of the termination, the termination charge will be waived or reduced based on the contract of the successor customer.

ELECTRONICALLY FILED - 2021 October 5 5:05 PM - SCPSC - Docket # 2021-3-E - Page 23 of 68

# ATTACHMENT A

Duke Energy Carolinas, LLC

Electricity No. 4  
South Carolina Fifty-Seventh Revised Leaf No. 32  
Superseding South Carolina Fifty-Sixth Revised Leaf No. 32

## SCHEDULE OL (SC) OUTDOOR LIGHTING SERVICE

### AVAILABILITY (South Carolina Only)

Available to the individual customer for lighting of outdoor areas at locations on the Company's distribution system. Service under this Schedule may be withheld or discontinued at the option of the Company.

### RATE:

#### (A) Bracket-Mounted Luminaires

All-night outdoor lighting service using Company standard equipment mounted on standard wood poles:

<u>Lamp Rating</u>			<u>Per Month Per Luminaire*</u>		
<u>Lumens</u>	<u>kWh Per Month</u>	<u>Style</u>	<u>Existing Pole (1)</u> * minus 0.1758 cents/kWh	<u>New Pole</u> * minus 0.1758 cents/kWh	<u>New Pole Served</u> <u>Underground</u> * minus 0.1758 cents/kWh
<b>High Pressure Sodium Vapor**</b>					
4,000	21	Post Top (2)	NA	NA	\$ 18.61
9,500	47	Suburban (3)	\$ 10.75	\$ 17.38	\$ 22.08
9,500	47	Urban	\$ 12.38	\$ 19.01	\$ 23.71
13,000	56	Suburban (6) (in suitable mercury fixture)	\$ 11.72	NA	NA
16,000	70	Urban	\$ 12.97	\$ 19.60	\$ 24.30
27,500	104	Urban	\$ 15.25	\$ 21.88	\$ 26.58
50,000	156	Urban	\$ 18.12	\$ 24.75	\$ 29.45
16,000	70	Floodlight	\$ 14.63	\$ 21.26	\$ 25.96
27,500	104	Floodlight	\$ 17.19	\$ 23.82	\$ 28.52
50,000	156	Floodlight	\$ 19.01	\$ 25.64	\$ 30.34
<b>Metal Halide***</b>					
9,000	43	Urban	\$ 14.48	\$ 21.11	\$ 25.81
40,000	155	Urban	\$ 22.23	\$ 28.86	\$ 33.56
78,000	295	Area	\$ 52.75	\$ 59.38	\$ 64.08
110,000	395	Area (9)	\$ 71.54	\$ 78.17	\$ 82.87
40,000	155	Floodlight	\$ 23.00	\$ 29.63	\$ 34.33
<b>Mercury Vapor**** (Closed to new installation)</b>					
4,000	41	Post Top (2)	\$ 9.15 (4)	NA	\$ 20.48 (8)
4,000	41	Suburban (5)	\$ 7.16	NA	NA
4,000	41	Post Top (7)	\$ 11.77	NA	NA
4,000	41	Post Top (7)	\$ 15.26	NA	NA
7,500	75	Post Top (7)	\$ 14.62	NA	NA
7,500	75	Suburban (3)	\$ 9.38	\$ 16.01	\$ 20.71
7,500	75	Urban (8)	\$ 10.81	\$ 17.44	\$ 22.14
20,000	152	Urban (8)	\$ 14.33	\$ 20.96	\$ 25.66
<b>Light Emitting Diode (10)</b>					
4,500	18	Area 50 watts	\$ 10.05	\$ 16.68	\$ 21.38
6,500	25	Area 70 watts	\$ 10.22	\$ 16.85	\$ 21.55
9,500	40	Area 110 watts	\$ 12.94	\$ 19.57	\$ 24.27
12,500	54	Area 150 watts	\$ 14.64	\$ 21.27	\$ 25.97
18,500	79	Area 220 watts	\$ 17.46	\$ 24.09	\$ 28.79
24,000	101	Area 280 watts	\$ 20.19	\$ 26.82	\$ 31.52
43,000	151	Area 420 watts	\$ 44.68	\$ 51.31	\$ 56.01
15,000	47	Floodlight 130 watts	\$ 16.80	\$ 25.55	\$ 30.27
30,000	95	Floodlight 260 watts	\$ 33.54	\$ 42.29	\$ 47.01

- (1) The "Existing Pole" rate is applicable to installations, including pole, installed by November 18, 1991. After November 18, 1991, the "Existing Pole" rate is available only for luminaires attached to poles which are not installed solely to support the luminaire.

SCHEDULE OL (SC)  
OUTDOOR LIGHTING SERVICE

- (2) Luminaire is not available for the lighting of streets, roadways, and other vehicle thoroughfares.
- (3) Closed to new installations on or after July 1, 2005.
- (4) Closed to new installations on or after November 18, 1991.
- (5) Closed to new installations on or after January 1, 1973.
- (6) Closed to new installations on or after October 8, 1985.
- (7) Closed to new installations on or after January 17, 1975.
- (8) Closed to new contracts on or after October 1, 2007 for luminaires installed before January 1, 2008.
- (9) Closed to new installations after February 1, 2010.
- (10) Approximate wattage of fixture class.

\*\* High pressure sodium vapor luminaires are no longer available for new installations. Upon failure of the luminaire or ballast, the Company will replace any standard or nonstandard/decorative high pressure sodium vapor luminaire with a comparable LED luminaire and the monthly rate for the new luminaire will apply. Where the Customer requests the continued use of the same luminaire type for appearance reasons, the Company will attempt to provide such luminaire and the Customer shall commence being billed in accordance with paragraph (A) above or paragraph (B) below. Customer requested replacement of high pressure sodium vapor luminaire prior to fixture failure are subject to a transition fee as provided under paragraph (D) below.

\*\*\* Metal halide luminaires are no longer available for new installations. Upon failure of the luminaire or ballast, the Company will replace any standard or nonstandard/decorative metal halide luminaire with a comparable LED luminaire and the monthly rate for the new luminaire will apply. Customer requested replacements of metal halide luminaires prior to failure are subject to a transition fee as provided for under paragraph (D) below.

\*\*\*\* Mercury vapor luminaires are no longer available and will not be repaired if they fail. Upon failure of the luminaire or ballast, the Company will replace any standard or nonstandard/decorative mercury vapor luminaire with a comparable LED luminaire and the monthly rate of the new luminaire will apply. The Company will proactively replace mercury vapor luminaires with LED luminaires beginning January 1, 2020 through December 31, 2023.

(B) Other Luminaires

Decorative and non-standard luminaires can be installed on request, at the Company's option, at the rate in (A) above plus an extra monthly charge equal to 1.0% of the estimated installed cost difference between the luminaire and structure requested and the equivalent luminaire and standard wood pole.

(C) Underground Charges

- (1) Additional monthly charge for underground conductor systems installed prior to November 18, 1991:

<u>Feet Per Pole</u>	<u>From Overhead System</u>	<u>From Underground System</u>
0 – 100 feet	\$ .50	\$ .35
101 – 200 feet	\$ .90	\$ .75
Over 200 feet	\$ .90 plus \$.07 for each increment of 10 feet, or less, over 200 feet	\$ .75 plus \$.07 for each increment of 10 feet, or less, over 200 feet

- (2) For underground facilities installed on or after November 18, 1991, an underground conductor system, up to 150 feet per pole, can be installed to an existing pole under paragraph (A) above, for an additional monthly charge of \$4.70 per pole. For installations over 150 feet per pole, a charge of \$0.07 for each increment of 10 feet (or less) over 150 feet will apply in addition to the \$4.70 charge. This is also applicable to new pole underground charges over 150 feet per pole.
  - (3) When the installation requires the cutting and replacing of pavement, 1.0% of the estimated cost of this cutting and replacing of pavement will be added to the charges above.
  - (4) When an installation is in an area served by a concrete-encased duct system, additional charges stated above will not apply and, instead, the additional monthly charge will be 1.0% of the estimated cost of the underground conductor system.
- (D) Transition Fees for Change out of High Pressure Sodium and Metal Halide Luminaires to LED Luminaires  
Upon customer request, the Company will replace a high pressure sodium or metal halide luminaire with an LED luminaire upon payment to the Company, in advance, a transition fee as follows:

SCHEDULE OL (SC)  
OUTDOOR LIGHTING SERVICE

- (1) For non-floodlight luminaires billed under paragraph (A) above, the fee shall be \$50.00 for each such luminaire replaced. For floodlight luminaires billed under paragraph (A) above, the fee shall be \$109.00 for each such luminaire replaced.
  - (2) For luminaires billed under paragraph (B) above, the fee shall be calculated on a per luminaire basis as the loss due to early retirement of the luminaire being replaced.
  - (3) Customers will not be charged a transition fee for metal halide luminaires that are replaced due to failure of the ballast or luminaire.
  - (4) Customers will not be charged a transition fee for high pressure sodium luminaires that are replaced due to failure of the ballast or luminaire. However, if fixture failure is due to willful damage, the Customer shall be responsible to pay applicable transition fees as noted above.
- (E) Transition Fees for Change Out of LED Luminaires to other LED Luminaires  
Upon customer request, the Company will replace a LED luminaire with another LED luminaire at the same location. If the LED luminaire being replaced has been in service less than 20 years and the original contract term has been fulfilled, there will be a fee of \$40.00 paid in advance for each LED luminaire replaced and billed under paragraph (A) or paragraph (B) above. For LED luminaires that have been in service for 20 years or longer and initial contract terms have been fulfilled, the Company will, at no cost to the Customer, change the fixture at the same location under a new contract.

RIDERS

The following Riders are applicable to service supplied under this schedule. The currently approved cent/kWh rider increment or decrement must be added to the rates shown above to determine the monthly bill.

Leaf No. 67      EDIT-1 Rider

ADJUSTMENTS FOR FUEL, VARIABLE ENVIRONMENTAL, AVOIDED CAPACITY AND DISTRIBUTED ENERGY RESOURCE PROGRAM COSTS

The cost of fuel, the variable environmental cost, avoided capacity cost of the Public Utilities Regulatory Policies Act of 1978 ("PURPA") purchased power, and Distributed Energy Resource Program ("DERP") cost is incorporated as a part of, and will apply to all service supplied under, this Schedule.

EXPLANATORY NOTES AND OTHER CHARGES

- (1) Lamps will burn from approximately one half-hour after sunset until approximately one half-hour before sunrise. The Company will readily replace burned-out lamps and otherwise maintain the luminaires during regular daytime working hours following notification by the Customer.
- (2) Luminaires will be installed only on Company-owned poles, and all facilities necessary for service under this Schedule, including fixtures, lamps, controls, poles, hardware, transformers, conductors, and other appurtenances shall be owned and maintained by the Company.
- (3) Equipment (such as disconnecting switches) not supplied by the Company as standard is not available under this Schedule, and shall not be installed by the Customer.
- (4) This Schedule is not available for seasonal or other part-time operation of outdoor luminaires.
- (5) For non-floodlight luminaires, color-improved lamps installed prior to October 1, 2007 are supplied for an extra charge of \$1.05 per lamp per month. For non-floodlight luminaires installed prior to October 1, 2007, there will be no additional charge for color-improved lamps installed as replacements for clear mercury vapor luminaires, nor for color improved lamps installed in new non-floodlight luminaires on or after October 1, 2007.
- (6) All non-floodlight luminaires, except the 110,000 lumen metal halide fixture, will be installed on standard 30-foot, class 6 size wood poles. The 110,000 lumen metal halide fixture will be installed on standard 40-foot, class 5 wood poles. On Customer request, and for an additional charge, all non-floodlight luminaires, except the 110,000 lumen metal halide fixture can be installed on wood poles larger than the standard 30-foot, class 6 size, if the location permits the use of bucket-type equipment for mounting and servicing: 35-foot, class 5 pole for 25 cents per month, or 40-foot, class 5 pole for 35 cents per month. For all luminaires, wood poles longer than 40 feet, or structures other than standard wood poles, can be installed for an extra monthly charge equal to 1.0% of the estimated installed cost difference between the requested pole or structure and the standard wood pole, but not less than \$5.35 per month per pole or structure. For all non-floodlight luminaires, brackets longer than the standard length of 30 inches, but not longer than 20 feet, can be installed where use of bucket-type equipment is permitted for an extra charge of 70 cents per month per bracket.
- (7) Where two or more luminaires were installed for service before November 18, 1991 on the same pole or other structure, the applicable monthly charges for each luminaire other than the first will be reduced \$1.75.
- (8) When the number of required poles exceeds the number of luminaires requested, a monthly charge not less than \$1.75 per standard wood pole shall be made for luminaires installed for service before November 18, 1991. A monthly charge of

SCHEDULE OL (SC)  
OUTDOOR LIGHTING SERVICE

\$6.63 per standard wood pole shall be made for luminaires installed for service on or after November 18, 1991. When any installation requires an extension of primary facilities solely to serve the luminaires, an additional monthly charge equal to 1.0% of the estimated cost of the primary extension shall be made. Should any installation require guying of secondary facilities, a charge of 60 cents per month per guy shall be made.

- (9) "Suburban" luminaires are defined as standard NEMA-style fixtures with refractors and vertical-burning lamps. "Urban" luminaires are defined as "cobra-style" fixtures with enclosed refractive or flat lenses and horizontal-burning lamps.

SALES TAX AND MUNICIPAL FEES

Any applicable sales tax, municipal service agreement fee, business license fee or other fee assessed by or remitted to a state or local governmental authority will be added to the charges determined above.

PAYMENT

Bills under this Schedule are due and payable on the date of the bill at the office of the Company. Bills are past due and delinquent on the fifteenth day after the date of the bill. If any bill is not so paid, the Company has the right to suspend service. In addition, all bills not paid by the twenty-fifth day after the date of the bill shall be subject to a one and one-half percent (1 1/2%) late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of, and be due and payable with, the bill on which it is rendered.

CONTRACT PERIOD

The original term of contract may be from a minimum of three (3) years to a maximum of ten (10) years. Contracts will continue after the original term until terminated by either party on thirty days' written notice. The Customer may amend or terminate the Agreement before the expiration of the initial Contract Period by paying to the Company a sum of money equal to 40% of the monthly bills which otherwise would have been rendered for the remaining term of the initial Contract Period, less the monthly bills for the initial term of contract of any successor customer who has applied for lighting service at the premises prior to the effective date of the contract amendment or termination, provided, however, this amount shall not be less than zero. Additionally, if the Customer requests to terminate the agreement for metal halide and/or high pressure sodium luminaires prior to the end of the original term in order to convert to an LED luminaire, the Customer will pay the applicable transition fee and a termination fee will not be charged. The Company may require a deposit not to exceed 40% of the revenue for the original term. The deposit will be returned at the end of the original term, provided the Customer has met all provisions of the contract. Minimum term of contract for specific situations shall be:

- (a) Three (3) years for all luminaires designated by the Company as standard, post top and bracket-mounted on standard poles.
- (b) Ten (10) years for all luminaires designated by the Company as decorative or nonstandard, and for all standard luminaires mounted on supports other than standard wood poles, for non-standard luminaires or other non-standard supports, and for primary extensions solely serving the luminaires.

SCHEDULE OPT (SC)  
OPTIONAL POWER SERVICE, TIME-OF-USEAVAILABILITY (South Carolina Only)

Available to the individual customer.

Service under this Schedule shall be used solely by the contracting Customer in a single enterprise, located entirely on a single, contiguous premise.

This Schedule is not available to the individual customer who qualifies for a residential schedule, nor for auxiliary or breakdown service. Power delivered under this schedule shall not be used for resale or exchange or in parallel with other electric power or as a substitute for power contracted for or which may be contracted for, under any other schedule of the Company, except at the option of the Company, or for service in conjunction with Rider RNM or Rider NSC, under special terms and conditions expressed in writing in the contract with the Customer.

The obligations of the Company in regard to supplying power are dependent upon its securing and retaining all necessary rights-of-way, privileges, franchises and permits, for the delivery of such power. The Company shall not be liable to any customer or applicant for power in the event it is delayed in, or is prevented from furnishing the power by its failure to secure and retain such rights-of-way, rights, privileges, franchises and permits.

TYPE OF SERVICE

The Company will furnish 60 Hertz service through one meter, at one delivery point, at one of the following approximate voltages, where available:

Single-phase, 120/240 volts, 120/208 volts, 240/480 volts or other available single-phase voltages at the company's option; or  
3-phase, 208Y/120 volts, 460Y/265 volts, 480Y/277 volts; or  
3-phase, 3-wire, 240, 460, 480, 575, or 2300 volts; or  
3-phase, 4160Y/2400, 12470Y/7200, or 24940Y/14400 volts; or  
3-phase voltages other than those listed above may be available at the Company's option if the size of the Customer's contract warrants a substation solely to serve that Customer, and if the Customer furnishes suitable outdoor space on the premises to accommodate a ground-type transformer installation, or substation, or a transformer vault built in accordance with the Company's specifications.

The type of service supplied will depend upon the voltage available. Prospective customers should determine the available voltage by contacting the nearest office of the Company before purchasing equipment.

Motors of less than 5 H.P. may be single-phase. All motors of more than 5 H.P. must be equipped with starting compensators. The Company reserves the right, when in its opinion the installation would not be detrimental to the service of the Company, to permit other types of motors.

RATE:

I.	Basic Facilities Charge, per month	\$25.91	
II.	Demand Charge	Summer Months	Winter Months
	A. On-Peak Demand Charge per month	<u>June 1 – September 30</u>	<u>October 1 – May 31</u>
	For the first 2000 kW of Billing Demand per kW, per month	\$ 18.8674	\$11.0465
	For the next 3000 kW of Billing Demand per kW, per month	\$ 16.7368	\$ 9.2014
	For all over 5000 kW of Billing Demand per kW, per month	\$ 13.4912	\$ 6.8280
	B. Economy Demand Charge per month, per kW	\$ 1.6759	\$ 1.6759
III.	Energy Charge		
	The Energy Charge for customers receiving service in establishments classified as “Manufacturing Industries” by the Standard Industrial Classification Manual published by the United States Government, and where more than 50% of the electric energy consumption of such establishment is used for its manufacturing processes is shown below under “Industrial Service”. The rate for all other customers on this schedule is shown under “General Service”.		
		<u>General Service</u>	<u>Industrial Service</u>
		<u>All Months</u>	<u>All Months</u>
	A. All On-Peak Energy per month, per kWh	6.3573 ¢	6.3179 ¢
	B. All Off-Peak Energy per month, per kWh	2.7020 ¢	2.6636 ¢



SCHEDULE OPT (SC)  
OPTIONAL POWER SERVICE, TIME-OF-USERIDERS

The following Riders are applicable to service supplied under this schedule. The currently approved cents/kWh rider increment or decrement must be added to the cents/kWh rates shown above to determine the monthly bill.

Leaf No. 62      Energy Efficiency Rider  
Leaf No. 67      EDIT-1 Rider

ADJUSTMENTS FOR FUEL, VARIABLE ENVIRONMENTAL, AVOIDED CAPACITY AND DISTRIBUTED ENERGY RESOURCE PROGRAM COSTS

The cost of fuel, the variable environmental cost, avoided capacity cost of the Public Utilities Regulatory Policies Act of 1978 ("PURPA") purchased power, and Distributed Energy Resource Program ("DERP") cost is incorporated as a part of, and will apply to all service supplied under, this Schedule. Additionally, the Distributed Energy Resource Program Fixed Monthly Leaf 50 C charge shall be added to the monthly bill for each agreement for service under this schedule as outlined on Leaf 50 C.

DETERMINATION OF ON-PEAK AND OFF-PEAK HOURS

	Summer Months <u>June 1 – September 30</u>	Winter Months <u>October 1 – May 31</u>
On-Peak Period Hours	1:00 p.m. – 9:00 p.m.	6:00 a.m. – 1:00 p.m.
Off-Peak Period Hours	Monday – Friday All other weekday hours and all Saturday and Sunday hours.	Monday – Friday

DEFINITION OF "MONTH"

The term "month" as used in this Schedule means the period intervening between meter readings for the purposes of monthly billing. Readings are taken each month at intervals of approximately thirty (30) days.

CONTRACT DEMAND

The Company will require contracts to specify the maximum demand to be delivered to the Customer which shall be the Contract Demand.

Where the Customer can restrict on-peak demand to levels considerably below that of the Contract Demand, the Company may also contract for a limited On-Peak Contract Demand in addition to the Contract Demand. The On-Peak Contract Demand is the maximum demand to be delivered to the Customer during the On-Peak Hours of any month.

DETERMINATION OF BILLING DEMAND

- A. The On-Peak Billing Demand each month shall be the largest of the following:
1. The maximum integrated thirty-minute demand during the applicable summer or winter on-peak period during the month for which the bill is rendered.
  2. Fifty percent (50%) of the Contract Demand (or 50% of the On-Peak Contract Demand if such is specified in the contract)
  3. 15 kilowatts (kW)
- B. Economy Demand  
To determine the Economy Demand, the larger of
1. The maximum integrated thirty-minute demand during the month for which the bill is rendered; or
  2. 50% of the Contract Demand
- shall be compared to the On-Peak Billing Demand as determined in A. above. If the demand determined by the larger of B. 1 and B. 2 above exceeds the On-Peak Billing Demand, the difference shall be the Economy Demand.

MINIMUM BILL

The minimum bill shall be the bill calculated on the Rate above including the Basic Facilities Charge, Demand Charge and Energy Charge, but the sum of the On-Peak Demand Charge and the Economy Demand Charge shall not be less than \$2.30 per month per kW of Contract Demand. If the Customer's measured demand exceeds the Contract Demand, the Company may at any time establish the minimum based on the maximum integrated demand in the previous twelve months including the month for which the bill is rendered.

# ATTACHMENT A

Duke Energy Carolinas, LLC

Electricity No. 4  
South Carolina Fifty-Fifth Revised Leaf No. 51  
Superseding South Carolina Fifty-Fourth Revised Leaf No. 51

## SCHEDULE OPT (SC) OPTIONAL POWER SERVICE, TIME-OF-USE

### POWER FACTOR CORRECTION

When the average monthly power factor of the Customer's power requirements is less than 85 percent, the Company may correct the integrated demand in kilowatts for that month by multiplying by 85 percent and dividing by the average power factor in percent for that month.

### SALES TAX AND MUNICIPAL FEES

Any applicable sales tax, municipal service agreement fee, business license fee or other fee assessed by or remitted to a state or local governmental authority will be added to the charges determined above.

### PAYMENT

Bills under the Schedule are due and payable on the date of the bill at the office of the Company. Bills are past due and delinquent on the fifteenth day after the date of the bill. If any bill is not so paid, the Company has the right to suspend service. In addition, all bills not paid by the twenty-fifth day after the date of the bill shall be subject to a one and one-half percent (1 1/2%) late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of and be due and payable with the bill on which it is rendered.

### CONTRACT PERIOD

Each customer shall enter into a contract to purchase electricity from the Company for a minimum original term of one (1) year, and shall automatically renew thereafter from year to year upon the condition that either party can terminate the contract at the end of the original term, or at any time thereafter by giving at least sixty (60) days' previous notice of such termination in writing; but the Company may require a contract for a longer original term of years where the requirement is justified by the circumstances.

If the Customer requests an amendment to or termination of the agreement before the expiration of the initial term of the agreement, the Customer shall pay to the Company an early termination charge as set forth in the Company's Service Regulations.

SCHEDULE PG (SC)  
PARALLEL GENERATIONAVAILABILITY (South Carolina Only)

Available only to non-residential establishments which have generating facilities not in excess of eighty (80) megawatts which are interconnected with the Company's system.

Service under this Schedule shall be used solely by the individual contracting Customer in a single enterprise, located entirely on a single, contiguous premise.

The Customer's interconnected power generating facilities may be operated in parallel with the Company's system. Power delivered under this schedule shall not be used for resale or as a substitute for power contracted for or which may be contracted for, under any other schedule of the Power Company, except at the option of the Company, under special terms and conditions expressed in writing in the contract with the Customer.

The obligations of the Company in regard to supplying power are dependent upon its securing and retaining all necessary rights-of-way, privileges, franchises and permits, for the delivery of such power. The Company shall not be liable to any customer or applicant for power in the event it is delayed in or is prevented from, furnishing the power by its failure to secure and retain such rights-of-way, rights, privileges, franchises and permits.

TYPE OF SERVICE

The Company will furnish 60 Hertz service through one metering point, at one delivery point, at one of the following approximate voltages where available, upon mutual agreement:

3-phase, 208Y/120 volts, 460Y/265 volts, 480Y/277 volts; or

3-phase, 3-wire, 240, 460, 480, 575, or 2300 volts; or

3-phase, 4160Y/2400, 12470Y/7200, or 24940Y/14400 volts; or

3-phase voltages other than those listed above may be available at the Company's option if the size of the Customer's contract warrants a substation solely to serve that Customer, and if the Customer furnishes suitable outdoor space on the premises to accommodate a ground-type transformer installation, or substation, or a transformer vault built in accordance with the Company's specifications.

The type of service supplied will depend upon the voltage available. Prospective customers should determine the available voltage by contacting the nearest office of the Company before purchasing equipment.

Motors of less than 5 H.P. may be single-phase. All motors of more than 5 H.P. must be equipped with starting compensators. The Company reserves the right, when in its opinion the installation would not be detrimental to the service of the Company, to permit other types of motors.

RATE:

		<u>Interconnected To</u>	
		<u>Transmission System</u>	<u>Distribution System</u>
<b>CHARGES</b>			
I.	Customer Charge per month:	\$ 53.16	\$ 53.16
II.	On-Peak Demand Charge per On-Peak month, per kW	\$ 14.0442	\$ 16.7283
III.	Energy Charge		
	The Energy Charge for customers receiving service in establishments classified as "Manufacturing Industries" by the Standard Industrial Classification Manual published by the United States Government, and where more than 50% of the electric energy consumption of such establishment is used for its manufacturing processes is shown below under "Industrial Service". The rate for all other customers on this schedule is shown under "General Service."		
	<u>General Service</u>		
	a. All On-Peak Energy per month, per kWh	4.5684 ¢	4.6450 ¢
	b. All Off-Peak Energy per month, per kWh	4.3632 ¢	4.4391 ¢
	<u>Industrial Service</u>		
	a. All On-Peak Energy per month, per kWh	4.5159 ¢	4.5916 ¢
	b. All Off-Peak Energy per month, per kWh	4.3107 ¢	4.3866 ¢
IV.	Standby Charge per month, per kW	\$ 1.8094	\$ 1.8094

**CREDITS**

Credits for excess energy supplied to the Company will be provided at the rates in Schedule PP (SC).

SCHEDULE PG (SC)  
PARALLEL GENERATIONRIDERS

The following Riders are applicable to service supplied under this schedule. The currently approved cents/kWh rider increment or decrement must be added to the cents/kWh Charges shown above to determine the monthly bill. These riders do not apply to the Credits.

Leaf No. 62	Energy Efficiency Rider
Leaf No. 67	EDIT-1 Rider

ADJUSTMENTS FOR FUEL, VARIABLE ENVIRONMENTAL, AVOIDED CAPACITY AND DISTRIBUTED ENERGY RESOURCE PROGRAM COSTS

The cost of fuel, the variable environmental cost, avoided capacity cost of the Public Utilities Regulatory Policies Act of 1978 ("PURPA") purchased power, and Distributed Energy Resource Program ("DERP") cost is incorporated as a part of, and will apply to all service supplied under, this Schedule. Additionally, the Distributed Energy Resource Program Fixed Monthly Leaf 50 C charge shall be added to the monthly bill for each agreement for service under this schedule as outlined on Leaf 50 C.

SALES TAX AND MUNICIPAL FEES

Any applicable sales tax, municipal service agreement fee, business license fee or other fee assessed by or remitted to a state or local governmental authority will be added to the charges determined above.

DETERMINATION OF ON-PEAK AND OFF-PEAK PERIODS

On-Peak Period Hours	7:00 a.m. - 11:00 p.m. Monday – Friday
Off-Peak Period Hours	All other weekday hours and all Saturday and Sunday hours

DEFINITION OF "MONTH"

The term "month" as used in this Schedule means the period of time between meter readings for the purpose of monthly billings. Readings are taken once a month at intervals of approximately thirty (30) days.

On-Peak Months	Billing Months of December, January, February, March, June, July, August, September
Off-Peak Months	Billing Months of April, May, October, November

CONTRACT DEMAND

The Company will require contracts to specify a Contract Demand. The Contract Demand shall be the maximum demand to be delivered under normal conditions to the Customer during the on-peak periods of the On-peak Billing months of December through March and June through September.

DETERMINATION OF DEMAND CHARGES

The On-Peak Demand for billing purposes shall be the largest of the following:

1. The maximum integrated thirty-minute demand during the on-peak period during the On-Peak month for which the bill is rendered
2. Seventy-five percent (75%) of the Contract Demand
3. 30 kilowatts (kW)

Demand charges are applicable for the billing months of December through March and June through September. Demand charges do not apply in the billing months of October, November, April, or May.

DETERMINATION OF STANDBY CHARGE

The Company will require each customer who supplies any portion of his electrical requirements by his generating facilities to contract for standby, auxiliary, or breakdown service. For billing purposes, the Standby kW will be based on the nameplate capacity in kilowatts of the Customer's generating facility.

However, at the option of the Customer, additional metering facilities will be installed and for billing purposes, the Standby kW will be based on the Customer's maximum integrated thirty-minute demand which has been supplied by the Customer's generating facilities during the previous twelve months, including the month for which the bill is rendered. If additional metering facilities are installed, they will be subject to a monthly Extra Facilities Charge.

SCHEDULE PG (SC)  
PARALLEL GENERATIONINTERCONNECTION FACILITIES CHARGE

The Customer shall be responsible for providing suitable control and protective devices on his equipment to assure no disturbance to other customers of the Company or to the Company itself, and to protect the Customer's facilities from all loss or damage which could result from operation with the Company's system.

The Company will furnish, install, own, and maintain interconnection facilities necessary for service under this Schedule including:

- suitable control and protective devices installed on the Company's equipment to allow operation of the Customer's generating facilities;
- metering facilities equipped to prevent reverse registration for the measurement of service under this Schedule; and
- any other modification to its system required to serve the Customer under this Schedule as required by the Company.

All such interconnection facilities in excess of those required in the absence of the Customer's generating facilities to provide capacity at the level of the Contract Demand shall be subject to a monthly charge under the Extra Facilities provision of the Company's Service Regulations. The Company reserves the right to install, at any time, facilities necessary for the appropriate measurement of service under this Schedule and to adjust the Interconnection Facilities Charge accordingly, solely at the option of the Company.

DETERMINATION OF DEMAND CREDITS (See Rate Paragraph for applicability)

Demand credits will be based on the maximum thirty-minute integrated demand which is continuously supplied to the Company during the on-peak periods of the months of June through September and December through March, and will be applied to the Customer's bill in the appropriate month.

POWER FACTOR CORRECTION

When the average monthly power factor of the power required by the Customer from the Company is less than 85 percent, the Company may correct the integrated demand in kilowatts for that month by multiplying by 85 percent and dividing by the average power factor in percent for that month.

When the average monthly power factor of the power supplied by the Customer to the Company is less than 90 percent or greater than 97 percent, the Company may correct the maximum integrated on-peak demand in kilowatts or the energy in kilowatt-hours, as appropriate.

The Company reserves the right to install facilities necessary for the measurement of power factor and to adjust the Interconnection Facilities Charge accordingly, solely at the option of the Company.

MINIMUM BILL

The minimum monthly bill shall be calculated on the Rate above including the Customer Charge, On-Peak Demand Charge, Energy Charge, Standby Charge, etc., but the Demand Charge component billed during the On-Peak months shall be based on not less than 75% of the Contract Demand. If the Customer's demand measured during normal operating conditions exceeds the Contract Demand, the Company may, at any time, establish the minimum based on the maximum integrated demand in the previous 12 months including the month for which the bill is rendered.

PAYMENT

Bills under this Schedule are due and payable on the date of the bill at the office of the Company. Bills are past due and delinquent on the fifteenth day after the date of the bill. If any bill is not so paid, the Company has the right to suspend service. In addition, all bills not paid by the twenty-fifth day after the date of the bill shall be subject to a one and one-half percent (1 1/2%) late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of and be due and payable with the bill on which it is rendered.

Credit billings to the Customer will be credited to the Customer's account, or, at the option of the Customer and upon ten (10) days' prior written notice, shall be payable to the Customer within fifteen (15) days of the date of the bill.

CONTRACT PERIOD

Each customer shall enter into a contract for a minimum original term of five (5) years and thereafter until terminated by giving at least thirty (30) months' previous notice of such termination in writing, but the Company may require a contract for a longer original term of years where the requirement is justified by the circumstances.

# ATTACHMENT A

Duke Energy Carolinas, LLC

Electricity No. 4  
South Carolina Fifty-Second Revised Leaf No. 55  
Superseding South Carolina Fifty-First Revised Leaf No. 55

## SCHEDULE PG (SC) PARALLEL GENERATION

The Company reserves the right to terminate the Customer's contract under this Schedule at any time upon written notice to the Customer in the event that the Customer violates any of the terms or conditions of this Schedule or operates his generating facilities in a manner which is detrimental to the Company or any of its customers. In the event of early termination of a contract under this Schedule, the Customer will be required to pay the Company for the costs due to such early cancellation.

If the Customer requests an amendment to or termination of the agreement before the expiration of the initial term of the agreement, the Customer shall pay to the Company an early termination charge as set forth in the Company's Service Regulations.

# ATTACHMENT A

Duke Energy Carolinas, LLC

Electricity No. 4

South Carolina Fifty-Fifth Revised Leaf No. 34

Superseding South Carolina Fifty-Fourth Revised Leaf No. 34

## SCHEDULE PL (SC) STREET AND PUBLIC LIGHTING SERVICE

### AVAILABILITY (South Carolina Only)

Available for the purpose of lighting streets, highways, parks and other public places for Municipal, County, State, and Federal Governments, at locations inside or outside municipal limits on the Company's distribution system. This Schedule is not available for service to non-governmental entities.

### RATE:

#### (A) Bracket-Mounted Luminaires

All-night street lighting service using overhead conductors and Company standard equipment mounted on standard wood poles:

Lamp Rating			Per Month Per Luminaire*		
<u>Lumens</u>	<u>kWh Per</u>	<u>Style</u>	<u>Existing Pole (1)</u>	<u>New Pole</u>	<u>New Pole Served</u>
	<u>Month</u>		* minus 0.1758	* minus 0.1758	* minus 0.1758
			cents/kWh	cents/kWh	cents/kWh
High Pressure Sodium Vapor**					
9,500	47	Suburban (2)	\$ 11.85	NA	NA
9,500	47	Urban	\$ 11.10	\$ 17.73	\$ 22.43
13,000	56	Suburban (3) (in suitable mercury fixture)	\$ 13.11	NA	NA
16,000	70	Urban	\$ 11.62	\$ 18.25	\$ 22.95
27,500	104	Urban	\$ 13.67	\$ 20.30	\$ 25.00
38,000	136	Urban (4) (in suitable mercury fixture)	\$ 18.61	NA	NA
50,000	156	Urban	\$ 16.25	\$ 22.88	\$ 27.58
140,000	391	Urban (installed on 55-foot wood pole)	\$ 42.36	NA	NA
16,000	70	Floodlight	\$ 14.63	\$ 21.26	\$ 25.96
27,500	104	Floodlight	\$ 17.19	\$ 23.82	\$ 28.52
50,000	156	Floodlight	\$ 19.01	\$ 25.64	\$ 30.34
Metal Halide***					
9,000	43	Urban	\$ 12.99	\$ 19.62	\$ 24.32
40,000	155	Urban	\$ 19.95	\$ 26.58	\$ 31.28
78,000	295	Area	\$ 47.29	\$ 53.92	\$ 58.62
40,000	155	Floodlight	\$ 23.00	\$ 29.63	\$ 34.33
Mercury Vapor****					
4,000	41	Suburban (2)	\$ 7.37	NA	NA
4,000	41	Post Top (5)	\$ 13.12	NA	NA
4,000	41	Bracket (6)	\$ 8.03	NA	NA
7,500	75	Post Top (5)	\$ 16.54	NA	NA
7,500	75	Suburban (2)	\$ 10.33	NA	NA
7,500	75	Urban (7)	\$ 12.00	NA	NA
20,000	152	Urban (7)	\$ 16.22	NA	NA
55,000	393	Urban (7)	\$ 31.90	NA	NA
Light Emitting Diode (8)					
4,500	18	Area 50 watts	\$ 10.05	\$ 16.69	\$ 21.39
6,500	25	Area 70 watts	\$ 10.22	\$ 16.86	\$ 21.56
9,500	40	Area 110 watts	\$ 12.94	\$ 19.58	\$ 24.28
12,500	54	Area 150 watts	\$ 14.64	\$ 21.28	\$ 25.98
18,500	79	Area 220 watts	\$ 17.46	\$ 24.10	\$ 28.80
24,000	101	Area 280 watts	\$ 20.19	\$ 26.83	\$ 31.53
43,000	151	Area 420 watts	\$ 44.68	\$ 51.32	\$ 56.02
15,000	47	Floodlight 130 watts	\$ 16.80	\$ 25.55	\$ 30.27
30,000	95	Floodlight 260 watts	\$ 33.54	\$ 42.29	\$ 47.01

South Carolina Fifty-Fifth Revised Leaf No. 34

Effective for service rendered on and after October 1, 2021

PSCSC Docket No. 2021-3-E, Order No. 2021-668

SCHEDULE PL (SC)  
STREET AND PUBLIC LIGHTING SERVICE

- (1) The "Existing Pole" rate is applicable to non-floodlight luminaires installed prior to February 1, 2010 and to floodlight luminaires installed prior to November 18, 1991. The "Existing Pole" rate is also applicable to luminaires attached to poles which are not installed solely to support the luminaire.
- (2) Closed to new installations on or after July 1, 2005.
- (3) Closed to new installations on or after February 18, 1987.
- (4) Closed to new installations on or after November 18, 1991.
- (5) Closed to new installations on or after January 17, 1975.
- (6) Closed to new installations on or after June 30, 1972.
- (7) Closed to new contracts on or after October 1, 2007 for luminaires installed before January 1, 2008.
- (8) Approximate wattage of fixture class.

\*\* High pressure sodium vapor luminaires are no longer available for new installations. Upon failure of the luminaire or ballast, the Company will replace any standard or nonstandard/decorative high pressure sodium vapor luminaire with a comparable LED luminaire and the monthly rate for the new luminaire will apply. Where the Customer requests the continued use of the same luminaire type for appearance reasons, the Company will attempt to provide such luminaire, and the Customer shall commence being billed in accordance with paragraph (A) above or paragraph (B) below. Customer requested replacement of high pressure sodium vapor luminaires prior to fixture failure are subject to a transition fee as provided under paragraph (D) below.

\*\*\* Metal halide luminaires are no longer available for new installations. Upon failure of the luminaire or ballast, the Company will replace any standard or nonstandard/decorative metal halide luminaire with a comparable LED luminaire and the monthly rate for the new luminaire will apply. Customer requested replacements of metal halide luminaires prior to failure are subject to a transition fee as provided for under paragraph (D) below.

\*\*\*\* Mercury vapor luminaires are no longer available and will not be repaired if they fail. Upon failure of the luminaire or ballast, the Company will replace any standard or nonstandard/decorative mercury vapor luminaire with a comparable LED luminaire and the monthly rate of the new luminaire will apply. The Company will proactively replace mercury vapor luminaires with LED luminaires beginning January 1, 2020 through December 31, 2023.

(B) Other Luminaires

Decorative and non-standard luminaires can be installed on request, at the Company's option, at the rate in (A) above plus an extra monthly charge equal to 1.0% of the estimated installed cost difference between the luminaire and structure requested, and, the equivalent luminaire and standard pole.

(C) Underground Charges

- (1) Additional monthly charge for non-floodlight underground conductor systems installed prior to February 1, 2010 and/or for floodlight underground conductor systems installed prior to November 18, 1991:

<u>Feet Per Pole</u>	<u>From Overhead System</u>	<u>From Underground System</u>
0 – 100 feet	\$ .50	\$ .35
101 – 200 feet	\$.90	\$.75
Over 200 feet	\$.90 plus \$.07 for each increment of 10 feet, or less, over 200 feet	\$.75 plus \$.07 for each increment of 10 feet, or less, over 200 feet

- (2) For non-floodlight underground facilities installed on or after February 1, 2010 and/or for floodlight underground facilities installed on or after November 18, 1991, an underground conductor system, up to 150 feet per pole, can be installed to an existing pole under paragraph (A) above, for an additional monthly charge of \$4.70 per pole. For installations over 150 feet per pole, a charge of \$.07 for each increment of 10 feet (or less) over 150 feet will apply in addition to the \$4.70 charge. This is also applicable to new pole underground charges over 150 feet per pole.
- (3) When the installation requires the cutting and replacing of pavement, 1.0% of the estimated cost of this cutting and replacing of pavement will be added to the monthly charges above.
- (4) When an installation is in an area served by a concrete-encased duct system, additional charges stated above will not apply and, instead, the additional monthly charge will be 1.0% of the estimated cost of the underground conductor system.

(D) Transition Fees for Change out of High Pressure Sodium and Metal Halide Luminaires to LED Luminaires

Upon customer request, the Company will replace a high pressure sodium or metal halide luminaire with an LED luminaire upon payment to the Company, in advance, a transition fee as follows:

- (1) For non-floodlight luminaires billed under paragraph (A) above, the fee shall be \$16.00 for each such luminaire replaced. For floodlight luminaires billed under paragraph (A) above, the fee shall be \$109.00 for each such luminaire replaced.



SCHEDULE PL (SC)  
STREET AND PUBLIC LIGHTING SERVICE

- (2) For luminaires billed under paragraph (B) above, the fee shall be calculated on a per luminaire basis as the loss due to early retirement of the luminaire being replaced.
  - (3) Customers will not be charged a transition fee for metal halide luminaires that are replaced due to failure of the ballast or luminaire.
  - (4) Customers will not be charged a transition fee for high pressure sodium luminaires that are replaced due to failure of the ballast or luminaire. However, if fixture failure is due to willful damage, the Customer shall be responsible to pay applicable transition fees as noted above.
- (E) Transition Fees for Change Out of LED Luminaires to other LED Luminaires  
Upon Customer request, the Company will replace a LED luminaire with another LED luminaire at the same location. If the LED luminaire being replaced has been in service for less than 20 years and the original contract term has been fulfilled, there will be a fee of \$40 paid in advance of each LED luminaire replaced and billed under paragraph (A) or paragraph (B) above. For LED luminaires that have been in service for 20 years or longer and initial contract terms have been fulfilled, the Company will at no cost to the Customer, change the fixture at the same location under a new contract.

RIDERS

The following Riders are applicable to service supplied under this schedule. The currently approved cents/kWh rider increment or decrement must be added to the rates shown above to determine the monthly bill.

Leaf No. 67

EDIT-1 Rider

ADJUSTMENTS FOR FUEL, VARIABLE ENVIRONMENTAL, AVOIDED CAPACITY AND DISTRIBUTED ENERGY RESOURCE PROGRAM COSTS

The cost of fuel, the variable environmental cost, avoided capacity cost of the Public Utilities Regulatory Policies Act of 1978 ("PURPA") purchased power, and Distributed Energy Resource Program ("DERP") cost is incorporated as a part of, and will apply to all service supplied under, this Schedule.

EXPLANATORY NOTES AND OTHER CHARGES

- (1) The installation of bracket-mounted luminaires in (A) above includes Company designated standard wood poles.
  - (a) Wood poles longer or structures other than designated standard wood poles, may be installed for an extra monthly charge equal 1.0% of the estimated installed cost difference between the luminaires and structures requested, and equivalent luminaires and standard poles, and such extra charge shall not be less than \$5.35 per month, per pole or other structure.
  - (b) The Company's standard metal street lighting pole is closed as of February 1, 2010. An extra monthly charge of \$5.35 per month, per pole applies to installations prior to February 1, 2010.
  - (c) The Company's standard metal mast-arm pole is closed as of February 1, 2010. An extra monthly charge of \$5.35 plus 1.0% of the estimated installed cost difference between the requested pole and the Company's standard metal street lighting pole, per month, per pole applies to installations prior to February 1, 2010. The standard metal mast-arm pole without a luminaire is closed as of February 1, 2010. A monthly charge of \$7.10 plus 1.0% of the estimated installed cost difference between the requested pole and the Company's standard metal street lighting pole applies to installations prior to February 1, 2010.
  - (d) For non-floodlight luminaires, brackets longer than 12 feet, but not longer than 20 feet can be installed for an additional monthly charge of \$4.50.
- (2) For non-floodlight luminaires installed prior to February 1, 2010 and/or for floodlight luminaires installed prior to November 18, 1991, should the number of poles in the secondary extension required to serve the luminaire(s) exceed the number of poles on which bracket-mounted luminaires are installed, a monthly charge of \$1.75 per pole shall be made for such excess number of poles. Should the installation include downguys or spanguys, a charge of \$.60 per month per guy shall be made.
- (3) For non-floodlight luminaires installed on or after February 1, 2010 and/or for floodlight luminaires installed on or after November 18, 1991, should the number of poles in the secondary extension required to serve the luminaire(s) exceed the number of poles on which bracket mounted luminaires are installed, a monthly charge of \$6.63 per pole shall be made for such excess number of poles.
- (4) Standard wood poles may be provided for \$6.63 per pole per month when provide solely to support traffic signals or other structures without a luminaire.
- (5) When the installation requested requires a primary extension solely to serve the luminaires, an additional monthly charge of 1.0% of the estimated cost of the primary extension will be made.
- (6) All facilities necessary for service under this Schedule, including fixtures, lamps, controls, poles, hardware, transformers, conductors, and other appurtenances shall be owned and maintained by the Company.

SCHEDULE PL (SC)  
STREET AND PUBLIC LIGHTING SERVICE

- (7) For non-floodlight luminaires, color-improved lamps installed prior to October 1, 2007 are supplied for an extra charge of \$.70 per lamp per month. For non-floodlight luminaires installed prior to October 1, 2007 there will be no additional charge for color-improved lamps installed as replacements for clear mercury vapor luminaires, nor for non-floodlight color improved lamps installed in new luminaires on or after October 1, 2007.
- (8) For non-floodlight luminaires installed prior to February 1, 2010, when two or more luminaires are installed on the same pole or other structure, the applicable monthly charges for each luminaire other than the first will be reduced \$1.75. For floodlight luminaires installed prior to November 18, 1991, when two or more luminaires are installed on the same pole or other structure, the applicable monthly charges for each luminaire other than the first will be reduced \$1.75.
- (9) Lamps will burn from approximately one half-hour after sunset and approximately one half-hour before sunrise. The Company will readily replace burned-out lamps and otherwise maintain the luminaires during regular daytime working hours following notification by the Customer.
- (10) Equipment (such as disconnecting switches) not supplied by the Company as standard is not available under this Schedule, and shall not be installed by the Customer.
- (11) This Schedule is not available for seasonal or other part-time operation of outdoor luminaires.
- (12) "Suburban" luminaires are defined as standard NEMA-style fixtures with refractors and vertical-burning lamps. "Urban" luminaires are defined as "cobra-style" fixtures with enclosed refractive or flat lenses and horizontal-burning lamps.

SALES TAX AND MUNICIPAL FEES

Any applicable sales tax, municipal service agreement fee, business license fee or other fee assessed by or remitted to a state or local governmental authority will be added to the charges determined above.

PAYMENT

Bills under this Schedule are due and payable on the date of the bill at the office of the Company. Bills are past due and delinquent on the fifteenth day after the date of the bill. If any bill is not so paid, the Company has the right to suspend service. In addition, all bills not paid by the twenty-fifth day after the date of the bill shall be subject to a one and one-half percent (1 1/2%) late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of, and be due and payable with, the bill on which it is rendered.

CONTRACT PERIOD

The original term of contract may be from a minimum of three (3) years to a maximum of ten (10) years. Contracts will continue after the original term until terminated by either party on thirty days' written notice. The Customer may amend or terminate the Agreement before the expiration of the initial Contract Period by paying to the Company a sum of money equal to 40% of the monthly bills which otherwise would have been rendered for the remaining term of the initial Contract Period, less the monthly bills for the initial term of contract of any successor customer who has applied for lighting service at the premises prior to the effective date of the contract amendment or termination, provided, however, this amount shall not be less than zero. Additionally, if the Customer requests to terminate the agreement for metal halide and/or high pressure sodium luminaires prior to the end of the original term in order to convert to an LED luminaire, the Customer will pay the applicable transition fee and a termination fee will not be charged. The Company may require a deposit not to exceed 40% of the revenue for the original term. The deposit will be returned at the end of the original term, provided the Customer has met all provisions of the contract. Minimum term of contract for specific situations shall be:

- (a) Three (3) years for all luminaires designated as standard by the Company and bracket-mounted on standard poles.
- (b) Ten (10) years for all luminaires designated as decorative or nonstandard by the Company, and for all standard luminaires mounted on supports other than standard wood poles, and for primary extensions solely serving the luminaires.

SCHEDULE RB (SC)  
RESIDENTIAL SERVICEAVAILABILITY (South Carolina Only)

Available only to individually-metered residential customers in residences, condominiums, manufactured homes, or apartments which meet the thermal conditioning and other requirements below, irrespective of the source of energy for environmental space conditioning.

This Schedule is closed and not available for service to customers at locations where the Customer was not served by the Company prior to November 18, 1991.

Power delivered under this schedule shall not be used for resale or exchange or in parallel with other electric power or as a substitute for power contracted for or which may be contracted for, under any other schedule of the Company, except at the option of the Company, or for service in conjunction with Rider RNM or Rider IRSC, under special terms and conditions expressed in writing in the contract with the customer.

## Thermal Conditioning and Equipment Standards:

- A. Sufficient application of thermal control products must be installed to meet the standards outlined below:
- Ceilings shall have insulation installed having a thermal resistance value of 30 (R-30).
  - Walls exposed to full temperature differential (TD) or unconditioned area shall have a total resistance of R-12.
  - Floors over crawl space shall have insulation installed having a resistance of R-19.
  - Windows shall be insulated glass or storm windows.
  - Doors exposed to full TD shall be weather-stripped and equipped with storm doors or of the insulated type.
  - Other doors exposed to unconditioned areas must be weather-stripped.
  - Air ducts located outside of conditioned space must have: 1) all joints mechanically fastened and sealed, and, 2) a minimum of 2 inches of R-6.5 duct wrap insulation, or its equivalent.
  - Attic ventilation must be a minimum of one square foot of free area for each 150 square feet of attic area.
  - Mechanical ventilation or ceiling vapor barrier, in lieu of free area, may be used where necessary, subject to special approval.
  - Chimney flues and fireplaces must have tight-fitting dampers.

Alternate Equivalent Performance Standard: variations may be made in the Insulation Standards as long as total heat loss does not exceed that calculated using the specific Standards above. Duct or pipe losses shall be included in the computation of total heat losses. Duke Power's procedure for calculating heat loss or the current edition of ASHRAE\* Guide shall be the source for heat loss calculations.

Framing corrections are not to be considered in computing resistance values.

All thermal control products described in the Standards above should be installed in accordance with manufacturer's recommendations.

## B. Electric Space Heating is not required, but if installed, shall meet the following conditions:

1. Heat pumps shall be controlled by two-stage heating thermostats, the first stage controlling compressor operation and the second stage controlling all auxiliary resistance heaters. Auxiliary heaters shall be limited to 48 amps (11.5 KW at 240 volts) each and shall be switched so that the energizing of each successive heater is controlled by a separate adjustable outdoor thermostat. A manual switch for by-pass of the first stage and the interlock of the second stage of the heating thermostat will be permitted.
2. Excess heating capacity (15% more than total calculated heat losses) may be disconnected at the option of the Company.
3. Total heat loss shall not exceed 30 BTUH\*\* per square foot of net heated area. Duke Power's procedure for calculating heat loss or the current edition of ASHRAE\* Guide shall be the source for heat loss calculations. Duct or pipe losses shall be included in the computation of total heat losses.

## C. Electric Domestic Water Heating is not required, but if installed, shall meet the following conditions:

1. Water heaters shall be of the automatic insulated storage type, of not less than 30-gallon capacity, and may be equipped with only a lower element or with a lower element and an upper element.
2. Water heaters having only a lower element may have wattages up to but not exceeding the specific wattages as shown below for various tank capacities.

Duke Energy Carolinas, LLC

Electricity No. 4

South Carolina Fifty-First Revised Leaf No. 18

Superseding South Carolina Fiftieth Revised Leaf No. 18

SCHEDULE RB (SC)  
RESIDENTIAL SERVICE

<u>Tank Capacity in Gallons</u>	<u>Maximum Single Element Wattage</u>
30 - 39	3500
40 - 49	4500
50 and larger	5500

3. Water Heaters having both a lower and an upper element may have wattages in each element up to but not exceeding the specific wattages set forth in the table above for single-element heaters, but they must have interlocking thermostats to prevent simultaneous operation of the two elements; however, if the sum of the wattages of the two elements does not exceed the specific wattages for single-element heaters set forth in the table above, no interlocking device will be required.
4. Water Heaters of 120 gallon capacity and larger shall be subject to special approval.

TYPE OF SERVICE

The Company will furnish 60 Hertz service through one meter, at one delivery point, at one of the following approximate voltages, where available:

Single-phase, 120 / 240 volts; or  
3-phase, 208Y / 120 volts; or other available voltages at the Company's option.

Motors in excess of 2 H.P., frequently started, or arranged for automatic control, must be of a type to take the minimum starting current and must be equipped with controlling devices approved by the Company.

RATE:

Basic Facilities Charge	\$11.96
For the first 1000 kWh used per month, per kWh	10.5889 ¢
For all over 1000 kWh used per month, per kWh	11.2972 ¢

RIDERS

The following Riders are applicable to service supplied under this schedule. The currently approved cents/kWh rider increment or decrement must be added to the cents/kWh rates shown above to determine the monthly bill.

Leaf No. 62      Energy Efficiency Rider  
Leaf No. 67      EDIT-1 Rider

ADJUSTMENTS FOR FUEL, VARIABLE ENVIRONMENTAL, AVOIDED CAPACITY AND DISTRIBUTED ENERGY RESOURCE PROGRAM COSTS

The cost of fuel, the variable environmental cost, avoided capacity cost of the Public Utilities Regulatory Policies Act of 1978 ("PURPA") purchased power, and Distributed Energy Resource Program ("DERP") cost is incorporated as a part of, and will apply to all service supplied under, this Schedule. Additionally, the Distributed Energy Resource Program Fixed Monthly Leaf 50 C charge shall be added to the monthly bill for each agreement for service under this schedule as outlined on Leaf 50 C.

SALES TAX AND MUNICIPAL FEES

Any applicable sales tax, municipal service agreement fee, business license fee or other fee assessed by or remitted to a state or local government authority will be added to the charges determined above.

PAYMENT

Bills under this Schedule are due and payable on the date of the bill at the office of the Company. Bills are past due and delinquent on the twenty-fifth day after the date of the bill. In addition, all bills not paid by the twenty-fifth day after the date of the bill shall be subject to a one and one-half percent (1 1/2%) late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of and be due and payable with the bill on which it is rendered.

CONTRACT PERIOD

The original term of this contract shall be one year, and thereafter, until terminated by either party on thirty days' written notice.

\* American Society of Heating, Refrigerating and Air Conditioning Engineers

\*\* At 60 degree F. temperature differential

SCHEDULE RE (SC)  
RESIDENTIAL SERVICE  
ELECTRIC WATER HEATING AND SPACE CONDITIONING

AVAILABILITY (South Carolina Only)

Available only to residential customers in residences, condominiums, manufactured homes, or individually-metered apartments which provide independent and permanent facilities complete for living, sleeping, eating, cooking, and sanitation. In addition, all energy required for all water heating, cooking, clothes drying, and environmental space conditioning must be supplied electrically, and all electric energy used in such dwelling must be recorded through a single meter.

To qualify for service under this Schedule, the environmental space conditioning system and a separate electric water heater must permanently be installed in accordance with sound engineering practices and the manufacturer's recommendations, and both shall meet the requirements shown under Rate Categories and Requirements below.

Power delivered under this schedule shall not be used for resale or exchange or in parallel with other electric power or as a substitute for power contracted for or which may be contracted for, under any other schedule of the Company, except at the option of the Company, or for service in conjunction with Rider RNM or Rider IRSC, under special terms and conditions expressed in writing in the contract with the customer.

TYPE OF SERVICE

The Company will furnish 60 Hertz service through one meter, at one delivery point, at one of the following approximate voltages, where available:

Single-phase, 120/240 volts; or  
3-phase, 208Y/120 volts; or other available voltages at the Company's option.

Motors in excess of 2 H. P., frequently started, or arranged for automatic control, must be of a type to take the minimum starting current and must be equipped with controlling devices approved by the Company.

Three-phase service will be supplied, if available. Where three-phase and single-phase service is supplied through the same meter, it will be billed on the rate below. Where three-phase service is supplied through a separate meter, it will be billed on the applicable General Service schedule.

RATE:

I.	Basic Facilities Charge per month	\$11.96
II.	Energy Charges	
	For the first 1000 kWh used per month, per kWh	9.1543 ¢
	For all over 1000 kWh used per month, per kWh	9.7240 ¢

RIDERS

The following Riders are applicable to service supplied under this schedule. The currently approved cents/kWh rider increment or decrement must be added to the cents/kWh rates shown above to determine the monthly bill.

Leaf No. 62      Energy Efficiency Rider  
Leaf No. 67      EDIT-1 Rider

ADJUSTMENTS FOR FUEL, VARIABLE ENVIRONMENTAL, AVOIDED CAPACITY AND DISTRIBUTED ENERGY RESOURCE PROGRAM COSTS

The cost of fuel, the variable environmental cost, avoided capacity cost of the Public Utilities Regulatory Policies Act of 1978 ("PURPA") purchased power, and Distributed Energy Resource Program ("DERP") cost is incorporated as a part of, and will apply to all service supplied under, this Schedule. Additionally, the Distributed Energy Resource Program Fixed Monthly Leaf 50 C charge shall be added to the monthly bill for each agreement for service under this schedule as outlined on Leaf 50 C.

REQUIREMENTS

An electric water heater meeting the specifications set forth below must be installed and used to supply the entire water heating requirements, except that which may be supplied by non-fossil sources such as solar.

# ATTACHMENT A

Duke Energy Carolinas, LLC

Electricity No. 4  
South Carolina Fifty-Fourth Revised Leaf No. 13  
Superseding South Carolina Fifty-Third Revised Leaf No. 13

## SCHEDULE RE (SC) RESIDENTIAL SERVICE ELECTRIC WATER HEATING AND SPACE CONDITIONING

1. Water heaters shall be of the automatic insulated storage type, of not less than 30-gallon capacity and may be equipped with only a lower element or with a lower element and an upper element.
2. Water heaters having only a lower element may have wattages up to but not exceeding the wattages shown below for various tank capacities.

<u>Tank Capacity in Gallons</u>	<u>Maximum Single Element Wattage</u>
30 – 49	4500
50 – 119	5500
120 and larger	Special approval

3. The total wattage of the elements in a water heater with a lower element and an upper element may not exceed the specific wattages above unless the water heater has interlocking thermostats to prevent simultaneous operation of the two elements such that the maximum wattage is not exceeded during operation.

Electric space conditioning meeting the specifications set forth below must be installed and used to supply the entire space conditioning requirements, except that which may be supplied by supplemental non-fossil sources such as solar.

1. Room-type systems shall be controlled by individual room thermostats.
2. Heat pumps shall be controlled by two-stage heating thermostats, the first stage controlling compressor operation and the second stage controlling all auxiliary resistance heaters. Auxiliary heaters shall be limited to 48 amps (11.5 KW at 240 volts) each and shall be switched so that the energizing of each successive heater is controlled by a separate adjustable outdoor thermostat. A manual switch for by-pass of the first stage and the interlock of the second stage of the heating thermostat will be permitted.
3. Excess heating capacity (15% more than total calculated heat losses) may be disconnected at the option of the Company.
4. Total heat loss shall not exceed 30 BTUH (at 60 degrees F. temperature differential) per square foot of net heated area. Duke Power's procedure for calculating heat loss or the current edition of ASHRAE (American Society of Heating, Refrigerating, and Air Conditioning Engineers) Guide shall be the source for heat loss calculations. Duct or pipe losses shall be included in the computation of total heat losses.

### SALES TAX AND MUNICIPAL FEES

Any applicable sales tax, municipal service agreement fee, business license fee, or other fee assessed by or remitted to a state or local government authority will be added to the charges determined above.

### PAYMENT

Bills under the Schedule are due and payable on the date of the bill at the office of the Company. Bills are past due and delinquent on the twenty-fifth day after the date of the bill. In addition, all bills not paid by the twenty-fifth day after the date of the bill shall be subject to a one and one-half percent (1 1/2%) late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of and be due and payable with the bill on which it is rendered.

### CONTRACT PERIOD

The original term of this contract shall be one year, and thereafter, until terminated by either party on thirty days' written notice.

Duke Energy Carolinas, LLC

Electricity No.4  
 South Carolina Fifty-Third Revised Leaf No. 11  
 Superseding South Carolina Fifty-Second Revised Leaf No. 11

SCHEDULE RS (SC)  
 RESIDENTIAL SERVICE

AVAILABILITY (South Carolina Only)

Available only to residential customers in residences, condominiums, manufactured homes, or individually-metered apartments which provide independent and permanent facilities complete for living, sleeping, eating, cooking, and sanitation.

Power delivered under this schedule shall not be used for resale or exchange or in parallel with other electric power or as a substitute for power contracted for or which may be contracted for, under any other schedule of the Company, except at the option of the Company, or for service in conjunction with Rider RNM or Rider IRSC, under special terms and conditions expressed in writing in the contract with the customer.

TYPE OF SERVICE

The Company will furnish 60 Hertz service through one meter, at one delivery point, at one of the following approximate voltages, where available:

- Single-phase, 120/240 volts; or
- 3-phase, 208Y/120 volts; or other available voltages at the Company's option.

Motors in excess of 2 H. P., frequently started, or arranged for automatic control, must be of a type to take the minimum starting current and must be equipped with controlling devices approved by the Company.

Three-phase service will be supplied, if available. Where three-phase and single-phase service is supplied through the same meter, it will be billed on the rate below. Where three-phase service is supplied through a separate meter, it will be billed on the applicable General Service schedule.

RATE:

I.	Basic Facilities Charge per month	\$11.96
II.	Energy Charges	
	For the first 1000 kWh used per month, per kWh	10.5311 ¢
	For all over 1000 kWh used per month, per kWh	11.2214 ¢

RIDERS

The following Riders are applicable to service supplied under this schedule. The currently approved cents/kWh rider increment or decrement must be added to the cents/kWh rates shown above to determine the monthly bill.

Leaf No. 62	Energy Efficiency Rider
Leaf No. 67	EDIT-1 Rider

ADJUSTMENTS FOR FUEL, VARIABLE ENVIRONMENTAL, AVOIDED CAPACITY AND DISTRIBUTED ENERGY RESOURCE PROGRAM COSTS

The cost of fuel, the variable environmental cost, avoided capacity cost of the Public Utilities Regulatory Policies Act of 1978 ("PURPA") purchased power, and Distributed Energy Resource Program ("DERP") cost is incorporated as a part of, and will apply to all service supplied under, this Schedule. Additionally, the Distributed Energy Resource Program Fixed Monthly Leaf 50 C charge shall be added to the monthly bill for each agreement for service under this schedule as outlined on Leaf 50 C.

SALES TAX AND MUNICIPAL FEES

Any applicable sales tax, municipal service agreement fee, business license fee or other fee assessed by or remitted to a state or local government authority will be added to the charges determined above.

PAYMENT

Bills under the Schedule are due and payable on the date of the bill at the office of the Company. Bills are past due and delinquent on the twenty-fifth day after the date of the bill. In addition, all bills not paid by the twenty-fifth day after the date of the bill shall be subject to a one and one-half percent (1 1/2%) late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of and be due and payable with the bill on which it is rendered.

CONTRACT PERIOD

The original term of this contract shall be one year, and thereafter, until terminated by either party on thirty days' written notice.

SCHEDULE R-STOU (SC)  
RESIDENTIAL SERVICE, SOLAR TIME-OF-USEAVAILABILITY (South Carolina Only)

Available on a voluntary basis to individually-metered residential Customers served under Rider RSC in residences, condominiums, manufactured homes, or apartments which provide independent and permanent facilities for living, sleeping, eating, cooking, and sanitation.

Power delivered under this schedule shall not be used for resale or exchange or in parallel with other electric power or as a substitute for power contracted for or which may be contracted for, under any other schedule of the Company, except at the option of the Company, or for service in conjunction with Rider RSC, under special terms and conditions expressed in writing in the contract with the Customer.

TYPE OF SERVICE

The Company will furnish 60 Hertz service through one meter, at one delivery point, at one of the following approximate voltages, where available:

- Single-phase, 120/240 volts; or
- 3-phase, 208Y/120 volts; or other available voltages at the Company's option.

Motors in excess of 2 H.P., frequently started, or arranged for automatic control, must be of a type to take the minimum starting current and must be equipped with controlling devices approved by the Company.

Three-phase service will be supplied, if available. Where three-phase and single-phase service is supplied through the same meter, it will be billed on the rate below. Where three-phase service is supplied through a separate meter, it will be billed on the applicable General Service schedule.

RATE

I.	Basic Facilities Charge per month	\$13.09	
		Non-Winter Months <u>March 1 – November 30</u>	Winter Months <u>December 1 – Last Day of February</u>
II.	Energy Charges		
	Critical Peak energy per month, per kWh	25.3523¢	25.3523¢
	On-Peak energy per month, per kWh	15.5283¢	15.5283¢
	Off-Peak energy per month, per kWh	9.1109¢	9.1109¢
	Super-Off-Peak energy per month, per kWh	6.3791¢	6.3791¢
III.	Non-bypassable Charge per month, per kW <sup>1</sup>	\$0.42	
IV.	Grid Access Fee per month, per kW <sup>1</sup> above 15 kW, for system sizes greater than 15 kW	\$5.86	

The following customer and distribution charges are components of the energy charges defined above. These components are used in the calculation of the monthly minimum bill.

	Non-Winter Months <u>March 1 – November 30</u>	Winter Months <u>December 1 – Last Day of February</u>
Customer and Distribution Energy Charges		
On-Peak energy per month, per kWh	3.6569¢	3.6569¢
Off-Peak energy per month, per kWh	2.4882¢	2.4882¢
Super-Off-Peak energy per month, per kWh	1.8066¢	1.8066¢

<sup>1</sup> The Non-bypassable Charge and Grid Access Fee are applied per kW DC for solar generation and per kW AC for non-solar generation.



SCHEDULE R-STOU (SC)  
RESIDENTIAL SERVICE, SOLAR TIME-OF-USERIDERS

The following Riders are applicable to service supplied under this schedule. The currently approved cents/kWh rider increment or decrement must be added to the cents/kWh rates shown above to determine the monthly bill.

Leaf No. 62      Energy Efficiency Rider  
Leaf No. 67      EDIT-1 Rider

ADJUSTMENTS FOR FUEL, VARIABLE ENVIRONMENTAL, AVOIDED CAPACITY AND DISTRIBUTED ENERGY RESOURCE PROGRAM COSTS

The cost of fuel, the variable environmental cost, avoided capacity cost of the Public Utilities Regulatory Policies Act of 1978 ("PURPA") purchased power, and Distributed Energy Resource Program ("DERP") cost is incorporated as a part of, and will apply to all service supplied under, this Schedule. Additionally, the Distributed Energy Resource Program Fixed Monthly Leaf 50 C charge shall be added to the monthly bill for each agreement for service under this schedule as outlined on Leaf 50 C.

DETERMINATION OF ON-PEAK, OFF-PEAK, SUPER-OFF-PEAK, AND CRITICAL PEAK HOURS

	Non-Winter Months <u>March 1 – November 30</u>	Winter Months <u>December 1 – Last Day in February</u>
On-Peak Period Hours	6:00 p.m. – 9:00 p.m. Monday – Friday	6:00 a.m. – 9:00 a.m. 6:00 p.m. – 9:00 p.m. Monday – Friday
Off-Peak Period Hours	All other non-On-Peak and non-Super-Off-Peak hours All non-Super-Off-Peak hours for the following holidays shall be considered Off-Peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day after Thanksgiving Day and Christmas Day.	
Super-Off-Peak Hours	12:00 a.m. – 6:00 a.m. during Non-Winter Months of March 1 – November 30	

The Company will call up to 20 Critical Peak Pricing (CPP) Days per calendar year. The number of Critical Peak Pricing Days permitted annually may be exceeded in the event of a system emergency that is expected to place the Company's ability to provide reliable service to customers at risk.

During Company-designated Critical Peak Pricing Days, the On-Peak Hours will become Critical Peak Hours. The Company has discretion to shift the Critical Peak Hours one hour earlier or later than the regular On-Peak Hours to provide flexibility for system operations; however, the total number of Critical Peak Hours per day will remain the same as the number of On-Peak Hours that would have otherwise occurred. Any shift in Critical Peak Hours will be reflected in the Customer notification.

The designation of Critical Peak Pricing Days will be set daily and will be posted on the Company website as the official Customer notification. Additionally, the designation of CPP may be communicated to Customers by other means.

The Company will notify Customer by 4:00 p.m. on the prior day for Critical Peak Pricing Days. In the case of a system emergency that is expected to place the Company's ability to provide reliable service to customers at risk, the notification may occur no later than 30 minutes prior to the Critical Peak period.

DEFINITION OF "MONTH"

The term "month" as used in this Schedule means the period intervening between meter readings for the purposes of monthly billing. Readings are taken each month at intervals of approximately thirty (30) days.

# ATTACHMENT A

Duke Energy Carolinas, LLC

Electricity No. 4  
South Carolina First Revised Leaf No. 16  
Superseding South Carolina Original Leaf No. 16

## SCHEDULE R-STOU (SC) RESIDENTIAL SERVICE, SOLAR TIME-OF-USE

### MINIMUM BILL

There shall be a monthly minimum bill of \$30 specific to the portion of the Customer's bill related to customer and distribution costs. A minimum bill charge shall be applied when the sum of the Basic Facilities Charge, Customer and Distribution Energy Charges, and riders is less than \$30. The minimum bill charge shall be equal to the difference between \$30 and the sum of these costs.

Bill credits for net excess energy are not included in the calculation of the minimum bill charge. Bill credits will reduce a Customer's total bill after the minimum bill charge has been applied.

### SALES TAX AND MUNICIPAL FEES

Any applicable sales tax, municipal service agreement fee, business license fee or other fee assessed by or remitted to a state or local governmental authority will be added to the charges determined.

### PAYMENT

Bills under this Schedule are due and payable on the date of the bill at the office of the Company. Bills are past due and delinquent on the twenty-fifth day after the date of the bill. In addition, all bills not paid by the twenty-fifth day after the date of the bill shall be subject to a one and one-half percent (1 1/2%) late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of and be due and payable with the bill on which it is rendered.

### CONTRACT PERIOD

The original term of this contract shall be one (1) year, and thereafter, until terminated by either party on thirty (30) days written notice.

SCHEDULE RT (SC)  
RESIDENTIAL SERVICE, TIME-OF-USEAVAILABILITY (South Carolina Only)

Available on a voluntary basis to individually-metered residential customers in residences, condominiums, manufactured homes, or apartments which provide independent and permanent facilities for living, sleeping, eating, cooking, and sanitation.

Power delivered under this schedule shall not be used for resale or exchange or in parallel with other electric power or as a substitute for power contracted for or which may be contracted for, under any other schedule of the Company, except at the option of the Company, or for service in conjunction with Rider RNM or Rider IRSC, under special terms and conditions expressed in writing in the contract with the customer.

TYPE OF SERVICE

The Company will furnish 60 Hertz service through one meter, at one delivery point, at one of the following approximate voltages, where available:

- Single-phase, 120/240 volts; or
- 3-phase, 208Y/120 volts; or other available voltages at the Company's option.

Motors in excess of 2 H. P., frequently started, or arranged for automatic control, must be of a type to take the minimum starting current and must be equipped with controlling devices approved by the Company.

Three-phase service will be supplied, if available. Where three-phase and single-phase service is supplied through the same meter, it will be billed on the rate below. Where three-phase service is supplied through a separate meter, it will be billed on the applicable General Service schedule.

RATE:

I.	Basic Facilities Charge per month	\$13.09	
		Summer Months	Winter Months
		June 1 – September 30	October 1 – May 31
II.	On-Peak Demand Charge per month, per kW	\$8.8132	\$4.3318
III.	Energy Charge		
	a. On-Peak energy per month, per kWh	7.2501 ¢	7.2501 ¢
	b. Off-Peak energy per month, per kWh	5.9356 ¢	5.9356 ¢

RIDERS

The following Riders are applicable to service supplied under this schedule. The currently approved cents/kWh rider increment or decrement must be added to the cents/kWh rates shown above to determine the monthly bill.

Leaf No. 62      Energy Efficiency Rider  
Leaf No. 67      EDIT-1 Rider

ADJUSTMENTS FOR FUEL, VARIABLE ENVIRONMENTAL, AVOIDED CAPACITY AND DISTRIBUTED ENERGY RESOURCE PROGRAM COSTS

The cost of fuel, the variable environmental cost, avoided capacity cost of the Public Utilities Regulatory Policies Act of 1978 ("PURPA") purchased power, and Distributed Energy Resource Program ("DERP") cost is incorporated as a part of, and will apply to all service supplied under, this Schedule. Additionally, the Distributed Energy Resource Program Fixed Monthly Leaf 50 C charge shall be added to the monthly bill for each agreement for service under this schedule as outlined on Leaf 50 C.

DETERMINATION OF ON-PEAK AND OFF-PEAK HOURS

	Summer Months	Winter Months
	June 1 – September 30	October 1 – May 31
On-Peak Period Hours	1:00 p.m. – 7:00 p.m. Monday – Friday	7:00 a.m. – 12:00 noon Monday - Friday
Off-Peak Period Hours	All other weekday hours and all Saturday and Sunday hours. All hours for the following holidays shall be considered as Off-Peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day after Thanksgiving Day and Christmas Day.	

# ATTACHMENT A

Duke Energy Carolinas, LLC

Electricity No. 4  
South Carolina Fifty-Third Revised Leaf No. 15  
Superseding South Carolina Fifty-Second Revised Leaf No. 15

## SCHEDULE RT (SC) RESIDENTIAL SERVICE, TIME-OF-USE

### DEFINITION OF "MONTH"

The term "month" as used in this Schedule means the period intervening between meter readings for the purposes of monthly billing. Readings are taken each month at intervals of approximately thirty (30) days.

### DETERMINATION OF BILLING DEMAND

The On-Peak Demand for billing purposes each month shall be the maximum integrated thirty-minute demand measured for the On-Peak period during the month for which the bill is rendered.

### MINIMUM BILL

The minimum bill shall be the Basic Facilities Charge.

### SALES TAX AND MUNICIPAL FEES

Any applicable sales tax, municipal service agreement fee, business license fee or other fee assessed by or remitted to a state or local governmental authority will be added to the charges determined.

### PAYMENT

Bills under this Schedule are due and payable on the date of the bill at the office of the Company. Bills are past due and delinquent on the twenty-fifth day after the date of the bill. In addition, all bills not paid by the twenty-fifth day after the date of the bill shall be subject to a one and one-half percent (1 1/2%) late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of and be due and payable with the bill on which it is rendered.

### CONTRACT PERIOD

The original term of this contract shall be one year, and thereafter, until terminated by either party on thirty days' written notice.

SCHEDULE SGS (SC)  
GENERAL SERVICEAVAILABILITY (South Carolina Only)

Available to the individual customer with a kilowatt demand of 75 kW or less. If the customer's measured demand exceeds 75 kW during any month, the customer will be served under Schedule LGS.

Service under this Schedule shall be used solely by the contracting Customer in a single enterprise, located entirely on a single, contiguous premises.

This Schedule is not available to the individual customer who qualifies for a residential or industrial schedule nor for auxiliary or breakdown service. Power delivered under this schedule shall not be used for resale or exchange or in parallel with other electric power, or as a substitute for power contracted for or which may be contracted for, under any other schedule of the Company, except at the option of the Company, or for service in conjunction with Rider RNM or Rider NSC, under special terms and conditions expressed in writing in the contract with the Customer.

The obligations of the Company in regard to supplying power are dependent upon its securing and retaining all necessary rights-of-way, privileges, franchises and permits, for the delivery of such power. The Company shall not be liable to any customer or applicant for power in the event it is delayed in, or is prevented from, furnishing the power by its failure to secure and retain such rights-of-way, rights, privileges, franchises and permits.

TYPE OF SERVICE

The Company will furnish 60 Hertz service through one meter, at one delivery point, at one of the following approximate voltages, where available:

Single-phase, 120/240 volts, 120/208 volts, 240/480 volts or other available single-phase voltages at the company's option; or  
3-phase, 208Y/120 volts, 460Y/265 volts, 480Y/277 volts; or  
3-phase, 3-wire, 240, 460, 480, 575, or 2300 volts; or  
3-phase, 4160Y/2400, 12470Y/7200, or 24940Y/14400 volts; or  
3-phase voltages other than those listed above may be available at the Company's option if the size of the Customer's contract warrants a substation solely to serve that Customer, and if the Customer furnishes suitable outdoor space on the premises to accommodate a ground-type transformer installation, or substation, or a transformer vault built in accordance with the Company's specifications.

The type of service supplied will depend upon the voltage available. Prospective customers should determine the available voltage by contacting the nearest office of the Company before purchasing equipment.

Motors of less than 5 H.P. may be single-phase. All motors of more than 5 H.P. must be equipped with starting compensators. The Company reserves the right, when in its opinion the installation would not be detrimental to the service of the Company, to permit other types of motors.

RATE:

I.	Basic Facilities Charge per month	\$ 11.70
II.	Demand Charge	
	For the first 30 kW of Billing Demand per kW, per month	No Charge
	For all over 30 kW of Billing Demand per kW, per month	\$ 4.1863
II.	Energy Charge	
	<u>For the First 125 kWh per KW Billing Demand per Month:</u>	
	For the first 3,000 kWh per month, per kWh	12.4498 ¢
	For the next 6,000 kWh per month, per kWh	6.2167 ¢
	For all over 9,000 kWh per month, per kWh	5.4891 ¢
	<u>For the Next 275 kWh per KW Billing Demand per Month:</u>	
	For the first 3000 kWh per month, per kWh	6.3066 ¢
	For the next 6,000 kWh per month, per kWh	6.2278 ¢
	For all over 9,000 kWh per month, per kWh	5.4289 ¢
	<u>For all Over 400 kWh per KW Billing Demand per Month:</u>	
	For all kWh per month, per kWh	4.7050 ¢

Duke Energy Carolinas, LLC

Electricity No. 4  
 South Carolina Twentieth Revised Leaf No. 21  
 Superseding South Carolina Nineteenth Revised Leaf No. 21

SCHEDULE SGS (SC)  
 GENERAL SERVICE

RIDERS

The following Riders are applicable to service supplied under this schedule. The currently approved cents/kWh rider increment or decrement must be added to the cents/kWh rates shown above to determine the monthly bill.

Leaf No. 62      Energy Efficiency Rider  
 Leaf No. 67      EDIT-1 Rider

ADJUSTMENTS FOR FUEL, VARIABLE ENVIRONMENTAL, AVOIDED CAPACITY AND DISTRIBUTED ENERGY RESOURCE PROGRAM COSTS

The cost of fuel, the variable environmental cost, avoided capacity cost of the Public Utilities Regulatory Policies Act of 1978 ("PURPA") purchased power, and Distributed Energy Resource Program ("DERP") cost is incorporated as a part of, and will apply to all service supplied under, this Schedule. Additionally, the Distributed Energy Resource Program Fixed Monthly Leaf 50 C charge shall be added to the monthly bill for each agreement for service under this schedule as outlined on Leaf 50 C.

DEFINITION OF "MONTH"

The term "month" as used in this Schedule means the period intervening between meter readings for the purposes of monthly billing. Readings are taken once a month at intervals of approximately thirty (30) days.

DETERMINATION OF BILLING DEMAND

The Billing Demand each month shall be the largest of the following:

1. The maximum integrated thirty-minute demand measured during the month for which the bill is rendered.
2. Fifty percent (50%) of the maximum integrated thirty-minute demand during the billing months of June-September within the previous 12 months including the month for which the bill is rendered.
3. Fifty percent (50%) of the Contract Demand
4. 30 kilowatts (kW)

The Company will install a permanent demand meter when the monthly usage of the Customer equals or exceeds 3,000 kWh per month, or when tests indicate a demand of 15 kW or more. The Company may, at its option, install a demand meter for any customer served under this schedule.

MINIMUM BILL

The minimum bill shall be the bill calculated on the Rate above including the Basic Facilities Charge, Demand Charge and Energy Charge, but the bill shall not be less than the amount determined as shown below according to the type of minimum selected by the Company:

Monthly

\$1.93 per kW per month of the Contract Demand

If the Customer's measured demand exceeds the Contract Demand, the Company may, at any time, establish the minimum based on the maximum integrated demand in the previous 12 months including the month for which the bill is rendered, instead of the Contract Demand.

Annual

\$36.75 per kW per year of the Contract Demand

The Company may choose this option when the Customer's service is seasonal or erratic, or it may offer the Customer a monthly minimum option.

Unless otherwise specified in the contract, the billing procedure for annual minimums will be as follows:

For each month of the contract year when energy is used, a monthly bill will be calculated on the Rate above. For each month of the contract year when no energy is used, no monthly amount will be billed. The bill for the last month of the contract year will be determined as follows:

- If the total of the charges for 12 months exceeds the annual minimum, the last bill of the contract year will include only the charges for that month.
- If the total of the charges for 12 months is less than the annual minimum, the last bill of the contract year will include an amount necessary to satisfy the annual minimum.

# ATTACHMENT A

Duke Energy Carolinas, LLC

Electricity No. 4  
South Carolina Twentieth Revised Leaf No. 21  
Superseding South Carolina Nineteenth Revised Leaf No. 21

## SCHEDULE SGS (SC) GENERAL SERVICE

### SPECIAL TERMS AND CONDITIONS

Electric service for the operation of CATV distribution line power supply equipment is available under this rate schedule as a pilot program for constant load as determined by the Company. Such service is provided only on a metered basis, and each individual delivery point shall be billed the Basic Facilities Charge shown above, and all kWh will be billed at a rate of 8.4156 cents per kWh.

### POWER FACTOR CORRECTION

When the average monthly power factor of the Customer's power requirements is less than 85 percent, the Company may correct the integrated demand in kilowatts for that month by multiplying by 85 percent and dividing by the average power factor in percent for that month.

### SALES TAX AND MUNICIPAL FEES

Any applicable sales tax, municipal service agreement fee, business license fee or other fee assessed by or remitted to a state or local governmental authority will be added to the charges determined above.

### PAYMENT

Bills under the Schedule are due and payable on the date of the bill at the office of the Company. Bills are past due and delinquent on the fifteenth day after the date of the bill. If any bill is not so paid, the Company has the right to suspend service. In addition, all bills not paid by the twenty-fifth day after the date of the bill shall be subject to a one and one-half percent (1 1/2%) late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of and be due and payable with the bill on which it is rendered.

### CONTRACT PERIOD

Each customer shall enter into a contract to purchase electricity from the Company for a minimum original term of one (1) year, and thereafter from year to year upon the condition that either party can terminate the contract at the end of the original term, or at any time thereafter by giving at least sixty (60) days' previous notice of such termination in writing; but the Company may require a contract for a longer original term of years where the requirement is justified by the circumstances.

If the Customer requests an amendment to or termination of the service agreement before the expiration of the initial term of the agreement, the Customer shall pay to the Company an early termination charge as set forth in the Company's Service Regulations.

# ATTACHMENT A

Duke Energy Carolinas, LLC

Electricity No. 4  
South Carolina Fiftieth Revised Leaf No. 38  
Superseding South Carolina Forty-Ninth Revised Leaf No. 38

## SCHEDULE TS (SC) TRAFFIC SIGNAL SERVICE

### AVAILABILITY (South Carolina Only)

Available to municipalities in which the Company owns and operates the electric distribution system, and to County, State, and Federal Authorities, in areas served by the Company, for the energy requirements of traffic and safety signal systems wireless communications equipment, and cameras used to monitor traffic.

Power delivered under this Schedule shall not be used for resale or exchange or in parallel with other electric power, or as a substitute for power contracted for or which may be contracted for, under any other schedule of the Company.

### TYPE OF SERVICE

The Company will furnish 60 Hertz service through one meter, at one delivery point, at 120/240 volts, single-phase.

### RATE:

Basic Facilities Charge, per month	\$ 16.27
For the first 50 kWh used per month, per kWh	15.7550 ¢
For all over 50 kWh used per month, per kWh	4.8978 ¢

### RIDERS

The following Riders are applicable to service supplied under this schedule. The currently approved cents/kWh rider increment or decrement must be added to the cents/kWh rates shown above to determine the monthly bill.

Leaf No. 62	Energy Efficiency Rider
Leaf No. 67	EDIT-1 Rider

### ADJUSTMENTS FOR FUEL, VARIABLE ENVIRONMENTAL, AVOIDED CAPACITY AND DISTRIBUTED ENERGY RESOURCE PROGRAM COSTS

The cost of fuel, the variable environmental cost, avoided capacity cost of the Public Utilities Regulatory Policies Act of 1978 ("PURPA") purchased power, and Distributed Energy Resource Program ("DERP") cost is incorporated as a part of, and will apply to all service supplied under, this Schedule. Additionally, the Distributed Energy Resource Program Fixed Monthly Leaf 50 C charge shall be added to the monthly bill for each agreement for service under this schedule as outlined on Leaf 50 C.

### DEFINITION OF "MONTH"

The term "month" as used in this Schedule means the period intervening between meter readings for the purposes of monthly billing. Readings are taken once a month at intervals of approximately thirty (30) days.

### MINIMUM BILL

\$16.27 per month

### SALES TAX AND MUNICIPAL FEES

Any applicable sales tax, municipal service agreement fee, business license fee or other fee assessed by or remitted to a state or local governmental authority will be added to the charges determined above.

### PAYMENT

Bills under this Schedule are due and payable on the date of the bill at the office of the Company. Bills are past due and delinquent on the fifteenth day after the date of the bill. If any bill is not so paid, the Company has the right to suspend service. In addition, all bills not paid by the twenty-fifth day after the date of the bill shall be subject to a one and one-half percent (1 1/2%) late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of, and be due and payable with, the bill on which it is rendered.

### CONTRACT PERIOD

The original term of this contract shall be one year and thereafter until terminated by either party on thirty days' written notice.

If the Customer requests an amendment to or termination of the service agreement before the expiration of the initial term of the agreement, the Customer shall pay to the Company an early termination charge as set forth in the Company's Service Regulations.



**Duke Energy Carolinas, LLC**  
**South Carolina**  
**DERP Monthly Charge Adjustment per 2021 Fuel Filing**

Customer Class	(A) Annual Charge without GRT and Reg Fee (\$/account)	(B) Monthly Charge without GRT and Reg Fee (\$/account)	(C) Gross-Up Factor	(D) Annual Charge with GRT and Reg Fee (\$/account)	(E) Monthly Charge with GRT and Reg Fee (\$/account)
	Notes 1, 2	Notes 1, 2	(G)	(A) x (C), Note 2	(B) x (C), Note 2
Residential	\$7.90	\$0.66	1.005189	\$7.94	\$0.66
General & Lighting	\$31.58	\$2.63	1.005189	\$31.74	\$2.64
Industrial	\$1,200.00	\$100.00	1.005189	\$1,200.00	\$100.00

Component	(F) Current Rate	(G) Gross-Up Factor
	Note 3	1 / [1 - (F)]
Gross Receipts Tax (GRT)	0.2162231%	
Regulatory Fee	0.3%	
TOTAL	0.5162231%	1.005189

Note 1: Docket No. 2021-3-E, Direct Testimony of Bryan Sykes for Duke Energy Carolinas, LLC, Amended Exhibit 1

Note 2: Charges may be limited by the application of per-account annual cost caps set forth in S.C. Code Ann. § 58-39-150

Note 3: Provided by Arles Herrera, Office of Regulatory Staff

**Duke Energy Carolinas, LLC**  
**South Carolina**  
**Energy Charge Adjustment per 2021 Fuel Filing**

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
Rate Class	Base Fuel Costs (¢/kWh)	Environmental Costs (¢/kWh)	Capacity Related Costs (¢/kWh)	DERP Avoided Costs (¢/kWh)	Proposed Combined Fuel Factor (¢/kWh)	Current Combined Fuel Factor (¢/kWh)	Change in Combined Fuel Factor without GRT and Reg Fee (¢/kWh)	Gross-Up Factor	Change in Combined Fuel Factor with GRT and Reg Fee (¢/kWh)
	Note 1	Note 1	Note 1	Note 1	(A) + (B) + (C) + (D)	Note 2	(E) - (F)	(K)	(G) x (H)
Residential	1.8123	0.0180	0.1264	0.0040	1.9607	1.6102	0.3505	1.005189	0.3523
General & Lighting	1.8123	0.0136	0.0967	0.0029	1.9255	1.6246	0.3009	1.005189	0.3025
Industrial	1.8123	0.0085	0.0653	0.0020	1.8881	1.5910	0.2971	1.005189	0.2986

Component	(J) Current Rate	(K) Gross-Up Factor
	Note 3	1 / [1 - (J)]
Gross Receipts Tax (GRT)	0.2162231%	
Regulatory Fee	0.3%	
TOTAL	0.5162231%	1.005189

Note 1: Docket No. 2021-3-E, Direct Testimony of Bryan Sykes for Duke Energy Carolinas, LLC, Amended Exhibit 1

Note 2: Docket No. 2020-3-E, Direct Testimony of Kimberly D. McGee for Duke Energy Carolinas, LLC filed July 30, 2020, Exhibit 1

Note 3: Provided by Kimberly McGee

Duke Energy Carolinas, LLC  
 South Carolina  
 Energy Charge Adjustment for Billing per 2021 Fuel Filing

Rate Class	2019 Change in Combined Fuel Factor with GRT and Reg Fee (¢/kWh)	2019 Adjustment from Base (\$/kWh)	2020 Change in Combined Fuel Factor with GRT and Reg Fee (¢/kWh)	2020 Adjustment from Base (\$/kWh)	2021 Change in Combined Fuel Factor with GRT and Reg Fee (¢/kWh)	2021 Adjustment from Base (\$/kWh)
Residential	0.1811	0.001811	-0.6830	-0.005019	0.3523	-0.001496
General & Lighting	0.0706	0.000706	-0.5489	-0.004783	0.3025	-0.001758
Industrial	0.0745	0.000745	-0.5582	-0.004837	0.2986	-0.001851

**Duke Energy Carolinas, LLC**  
**South Carolina**  
**Energy Charge Adjustment per 2021 Fuel Filing**  
**Residential Service**

Rate Class	Change
Residential Service (¢/kWh)	0.3523

Schedule RS		Present	Proposed	Change	% Change
Residential Service					
<b>Basic Facilities Charge</b>	(\$/month)	\$11.96	No Change		
<b>Energy Charges</b>					
First 1,000 kWh	(¢/kWh)	10.1788	10.5311	0.3523	3.46%
Over 1,000 kWh	(¢/kWh)	10.8691	11.2214	0.3523	3.24%

Schedule RE		Present	Proposed	Change	% Change
Residential Service, Electric Water Heating and Space Conditioning					
<b>Basic Facilities Charge</b>	(\$/month)	\$11.96	No Change		
<b>Energy Charges</b>					
First 1,000 kWh	(¢/kWh)	8.8020	9.1543	0.3523	4.00%
Over 1,000 kWh	(¢/kWh)	9.3717	9.7240	0.3523	3.76%

Schedule RB		Present	Proposed	Change	% Change
Residential Service					
<b>Basic Facilities Charge</b>	(\$/month)	\$11.96	No Change		
<b>Energy Charges</b>					
First 1,000 kWh	(¢/kWh)	10.2366	10.5889	0.3523	3.44%
Over 1,000 kWh	(¢/kWh)	10.9449	11.2972	0.3523	3.22%

**Duke Energy Carolinas, LLC**  
**South Carolina**  
**Energy Charge Adjustment per 2021 Fuel Filing**  
**Residential Service**

Schedule ES/ESA		Present	Proposed	Change	% Change
Residential Service, Energy Star					
<b>Basic Facilities Charge</b>	(\$/month)	\$11.96	No Change		
<b>Energy Charges</b>					
<u>Standard - ES</u>					
First 1,000 kWh	(¢/kWh)	9.6341	9.9864	0.3523	3.66%
Over 1,000 kWh	(¢/kWh)	10.2551	10.6074	0.3523	3.44%
<u>All Electric - ESA</u>					
First 1,000 kWh	(¢/kWh)	8.2126	8.5649	0.3523	4.29%
Over 1,000 kWh	(¢/kWh)	9.0191	9.3714	0.3523	3.91%
Schedule RT		Present	Proposed	Change	% Change
Residential Service, Time-of-Use					
<b>Basic Facilities Charge</b>	(\$/month)	\$13.09	No Change		
<b>Demand Charges</b>					
<u>On-Peak</u>					
Summer	(\$/kW)	\$8.8132	No Change		
Winter	(\$/kW)	\$4.3318	No Change		
<b>Energy Charges</b>					
On-Peak	(¢/kWh)	6.8978	7.2501	0.3523	5.11%
Off-Peak	(¢/kWh)	5.5833	5.9356	0.3523	6.31%
Schedule RSTOU		Present	Proposed	Change	% Change
Residential Service, Solar Time-of-Use					
<b>Basic Facilities Charge</b>	(\$/month)	\$13.09	No Change		
<b>Energy Charges</b>					
Critical Peak	(¢/kWh)	25.0000	25.3523	0.3523	1.41%
On-Peak	(¢/kWh)	15.1760	15.5283	0.3523	2.32%
Off-Peak	(¢/kWh)	8.7586	9.1109	0.3523	4.02%
Super-Off-Peak	(¢/kWh)	6.0268	6.3791	0.3523	5.85%
<b>Non-Bypassable Charge</b>	(\$/kW-DC)	\$0.42	No Change		
<b>Grid Access Fee</b>	(\$/kW-DC)	\$5.86	No Change		

**Duke Energy Carolinas, LLC**  
**South Carolina**  
**Energy Charge Adjustment per 2021 Fuel Filing**  
**Residential Service**

**Cust. & Dist. Energy Charges**

All On-Peak	(¢/kWh)	2.4882	No Change
Off-Peak	(¢/kWh)	1.8066	No Change
Super-Off-Peak	(¢/kWh)	10.9449	No Change

**Duke Energy Carolinas, LLC**  
**South Carolina**  
**Energy Charge Adjustment per 2021 Fuel Filing**  
**Non-Residential Service**

Rate Class		Change	
General Service	(¢/kWh)	0.3025	
Industrial Service	(¢/kWh)	0.2986	

  

Schedule SGS		Present	Proposed	Change	% Change
Small General Service					
<b>Basic Facilities Charge</b>	(\$/month)	\$11.70	No Change		
<b>Demand Charges</b>					
First 30 kW	(\$/kW)	\$0.0000	No Change		
Over 30 kW	(\$/kW)	\$4.1863	No Change		
<b>Energy Charges</b>					
<u>First 125 kWh per kW</u>					
First 3,000 kWh	(¢/kWh)	12.1473	12.4498	0.3025	2.49%
Next 6,000 kWh	(¢/kWh)	5.9142	6.2167	0.3025	5.11%
Over 9,000 kWh	(¢/kWh)	5.1866	5.4891	0.3025	5.83%
<u>Next 275 kWh per kW</u>					
First 3,000 kWh	(¢/kWh)	6.0041	6.3066	0.3025	5.04%
Next 6,000 kWh	(¢/kWh)	5.9253	6.2278	0.3025	5.11%
Over 9,000 kWh	(¢/kWh)	5.1264	5.4289	0.3025	5.90%
<u>Over 400 kWh per kW</u>					
All kWh	(¢/kWh)	4.4025	4.7050	0.3025	6.87%
<b>Monthly Minimum Bill</b>	(\$/kW <sub>CD</sub> )	\$1.93	No Change		
<b>Annual Minimum Bill</b>	(\$/kW <sub>CD</sub> )	\$36.75	No Change		
<b>Special Terms</b>					
<u>CATV Distribution Line</u>					
All kWh	(¢/kWh)	8.1131	8.4156	0.3025	3.73%

**Duke Energy Carolinas, LLC**  
**South Carolina**  
**Energy Charge Adjustment per 2021 Fuel Filing**  
**Non-Residential Service**

Schedule LGS		Present	Proposed	Change	% Change
Large General Service					
<b>Basic Facilities Charge</b>	(\$/month)	\$26.54	No Change		
<b>Demand Charges</b>					
First 30 kW	(\$/kW)	\$0.0000	No Change		
Over 30 kW	(\$/kW)	\$4.2655	No Change		
<b>Energy Charges</b>					
<u>First 125 kWh per kW</u>					
First 3,000 kWh	(¢/kWh)	12.8914	13.1939	0.3025	2.35%
Next 87,000 kWh	(¢/kWh)	6.5302	6.8327	0.3025	4.63%
Over 90,000 kWh	(¢/kWh)	5.4012	5.7037	0.3025	5.60%
<u>Next 275 kWh per kW</u>					
First 6,000 kWh	(¢/kWh)	6.6218	6.9243	0.3025	4.57%
Next 134,000 kWh	(¢/kWh)	6.5414	6.8439	0.3025	4.62%
Over 140,000 kWh	(¢/kWh)	5.7261	6.0286	0.3025	5.28%
<u>Over 400 kWh per kW</u>					
All kWh	(¢/kWh)	4.9875	5.2900	0.3025	6.07%
<b>Monthly Minimum Bill</b>	(\$/kW <sub>CD</sub> )	\$1.94	No Change		
<b>Annual Minimum Bill</b>	(\$/kW <sub>CD</sub> )	\$37.04	No Change		
Schedule BC		Present	Proposed	Change	% Change
Building Construction Service					
<b>Basic Facilities Charge</b>	(\$/month)	\$11.70	No Change		
<b>Energy Charges</b>					
First 50 kWh	(¢/kWh)	4.7627	5.0652	0.3025	6.35%
Over 50 kWh	(¢/kWh)	4.6164	4.9189	0.3025	6.55%
<b>Minimum Bill</b>	(\$/month)	\$11.70	No Change		



Duke Energy Carolinas, LLC  
 South Carolina  
 Energy Charge Adjustment per 2021 Fuel Filing  
 Non-Residential Service

Schedule OPT		Present	Proposed	Change	% Change
Optional Power Service					
Basic Facilities Charge	(\$/month)	\$25.91	No Change		
<b>Demand Charges</b>					
<u>Summer On-Peak</u>					
First 2,000 kW	(\$/kW)	\$18.8674	No Change		
Next 3,000 kW	(\$/kW)	\$16.7368	No Change		
Over 5,000 kW	(\$/kW)	\$13.4912	No Change		
<u>Winter On-Peak</u>					
First 2,000 kW	(\$/kW)	\$11.0465	No Change		
Next 3,000 kW	(\$/kW)	\$9.2014	No Change		
Over 5,000 kW	(\$/kW)	\$6.8280	No Change		
Economy Demand	(\$/kW)	\$1.6759	No Change		
<b>Energy Charges</b>					
<u>General Service</u>					
On-Peak	(¢/kWh)	6.0548	6.3573	0.3025	5.00%
Off-Peak	(¢/kWh)	2.3995	2.7020	0.3025	12.61%
<u>Industrial Service</u>					
On-Peak	(¢/kWh)	6.0193	6.3179	0.2986	4.96%
Off-Peak	(¢/kWh)	2.3650	2.6636	0.2986	12.63%
Monthly Minimum Bill	(\$/kW <sub>CD</sub> )	\$2.30	No Change		

**Duke Energy Carolinas, LLC**  
**South Carolina**  
**Energy Charge Adjustment per 2021 Fuel Filing**  
**Non-Residential Service**

<b>Schedule I</b>		<b>Present</b>	<b>Proposed</b>	<b>Change</b>	<b>% Change</b>
<b>Industrial Service</b>					
<b>Basic Facilities Charge</b>	(\$/month)	\$24.25	No Change		
<b>Demand Charges</b>					
First 30kW	(\$/kW)	\$0.0000	No Change		
Over 30kW	(\$/kW)	\$4.7408	No Change		
<b>Energy Charges</b>					
<u>First 125 kWh per kW</u>					
First 3,000 kWh	(¢/kWh)	11.6355	11.9341	0.2986	2.57%
Next 87,000 kWh	(¢/kWh)	5.7781	6.0767	0.2986	5.17%
Over 90,000 kWh	(¢/kWh)	4.2747	4.5733	0.2986	6.99%
<u>Next 275 kWh per kW</u>					
First 140,000 kWh	(¢/kWh)	5.7707	6.0693	0.2986	5.17%
Next 60,000 kWh	(¢/kWh)	5.3436	5.6422	0.2986	5.59%
Over 200,000 kWh	(¢/kWh)	4.7953	5.0939	0.2986	6.23%
<u>Over 400 kWh per kW</u>					
First 1,000,000 kWh	(¢/kWh)	4.6007	4.8993	0.2986	6.49%
Over 1,000,000 kWh	(¢/kWh)	4.5023	4.8009	0.2986	6.63%
<b>Monthly Minimum Bill</b>	(\$/kW <sub>CD</sub> )	\$2.04	No Change		
<b>Annual Minimum Bill</b>	(\$/kW <sub>CD</sub> )	\$38.85	No Change		

**Duke Energy Carolinas, LLC**  
**South Carolina**  
**Energy Charge Adjustment per 2021 Fuel Filing**  
**Non-Residential Service**

Schedule MP		Present	Proposed	Change	% Change
Multiple Premises					
<b>Basic Facilities Charge</b>	(\$/month)	\$25.91	No Change		
<b>Demand Charges</b>					
<u>Transmission</u>					
Summer On-Peak Demand Charge	(\$/kW)	\$16.4759	No Change		
Winter On-Peak Demand Charge	(\$/kW)	\$9.3815	No Change		
<u>Distribution</u>					
Summer On-Peak Demand Charge	(\$/kW)	\$17.8535	No Change		
Winter On-Peak Demand Charge	(\$/kW)	\$10.7590	No Change		
Excess Demand	(\$/kW)	\$1.6759	No Change		
<b>Energy Charges</b>					
<u>General Service</u>					
On-Peak	(¢/kWh)	6.0548	6.3573	0.3025	5.00%
Off-Peak	(¢/kWh)	2.3995	2.7020	0.3025	12.61%
<u>Industrial Service</u>					
On-Peak	(¢/kWh)	6.0193	6.3179	0.2986	4.96%
Off-Peak	(¢/kWh)	2.3650	2.6636	0.2986	12.63%

**Duke Energy Carolinas, LLC**  
**South Carolina**  
**Energy Charge Adjustment per 2021 Fuel Filing**  
**Non-Residential Service**

<b>Schedule PG</b>		<b>Present</b>	<b>Proposed</b>	<b>Change</b>	<b>% Change</b>
Parallel Generation					
<b>Basic Facilities Charge</b>	(\$/month)	\$53.16	No Change		
<b>Demand Charges</b>					
<u>On-Peak</u>					
Distribution	(\$/kW)	\$16.7283	No Change		
Transmission	(\$/kW)	\$14.0442	No Change		
Standby Demand	(\$/kW)	\$1.8094	No Change		
<b>Energy Charges</b>					
<u>General Service/Transmission</u>					
On-Peak	(¢/kWh)	4.2659	4.5684	0.3025	7.09%
Off-Peak	(¢/kWh)	4.0607	4.3632	0.3025	7.45%
<u>General Service/Distribution</u>					
On-Peak	(¢/kWh)	4.3425	4.6450	0.3025	6.97%
Off-Peak	(¢/kWh)	4.1366	4.4391	0.3025	7.31%
<u>Industrial Service/Transmission</u>					
On-Peak	(¢/kWh)	4.2173	4.5159	0.2986	7.08%
Off-Peak	(¢/kWh)	4.0121	4.3107	0.2986	7.44%
<u>Industrial Service/Distribution</u>					
On-Peak	(¢/kWh)	4.2930	4.5916	0.2986	6.96%
Off-Peak	(¢/kWh)	4.0880	4.3866	0.2986	7.30%

Duke Energy Carolinas, LLC  
 South Carolina  
 Energy Charge Adjustment per 2021 Fuel Filing  
 Lighting Service

Rate Class		Change	
Lighting Service	(¢/kWh)	0.3025	

Schedules PL & OL		Present	Proposed	Change	% Change
Energy Charge Adder	(¢/kWh)	-0.4783	-0.1758	0.3025	-63%

Schedule TS		Present	Proposed	Change	% Change
Traffic Signal					
Basic Facilities Charge	(\$/month)	\$16.27	No Change		
Energy Charges					
First 50 kWh	(¢/kWh)	15.4525	15.7550	0.3025	1.96%
Over 50 kWh	(¢/kWh)	4.5953	4.8978	0.3025	6.58%
Minimum Bill	(\$/month)	\$16.27	No Change		

Schedule NL		Present	Proposed	Change	% Change
Non Standard Lighting Service					
Energy Charges					
All kWh	(¢/kWh)	5.5882	5.8907	0.3025	5.41%

**Duke Energy Carolinas, LLC**  
**South Carolina**  
**Reconciliation of Tariff Changes**

<u>Energy Charges (\$/kWh)</u>		(A)	(B)	(C)	(D)
Rate Class	Tariff Service Name	Current Tariff Rate	Change Ordered by PSCSC	Change from GRT and Reg Fee	Proposed Tariff Rate
(A) + (B) + (C)					
Residential	RS Energy Blk 1	\$0.101788	\$0.003505	\$0.000018	\$0.105311
Residential	RS Energy Blk 2	\$0.108691	\$0.003505	\$0.000018	\$0.112214
Residential	RE Energy Blk 1	\$0.088020	\$0.003505	\$0.000018	\$0.091543
Residential	RE Energy Blk 2	\$0.093717	\$0.003505	\$0.000018	\$0.097240
Residential	RB Energy Blk 1	\$0.102366	\$0.003505	\$0.000018	\$0.105889
Residential	RB Energy Blk 2	\$0.109449	\$0.003505	\$0.000018	\$0.112972
Residential	ES Energy Standard Blk 1	\$0.096341	\$0.003505	\$0.000018	\$0.099864
Residential	ES Energy Standard Blk 2	\$0.102551	\$0.003505	\$0.000018	\$0.106074
Residential	ES Energy All-Electric Blk 1	\$0.082126	\$0.003505	\$0.000018	\$0.085649
Residential	ES Energy All-Electric Blk 2	\$0.090191	\$0.003505	\$0.000018	\$0.093714
Residential	RT Energy On-Peak Summer	\$0.068978	\$0.003505	\$0.000018	\$0.072501
Residential	RT Energy Off-Peak Summer	\$0.055833	\$0.003505	\$0.000018	\$0.059356
Residential	RT Energy On-Peak Winter	\$0.068978	\$0.003505	\$0.000018	\$0.072501
Residential	RT Energy Off-Peak Winter	\$0.055833	\$0.003505	\$0.000018	\$0.059356
Residential	RSC Energy Critical Summer	\$0.250000	\$0.003505	\$0.000018	\$0.253523
Residential	RSC Energy On-Peak Summer	\$0.151760	\$0.003505	\$0.000018	\$0.155283
Residential	RSC Energy Off-Peak Summer	\$0.087586	\$0.003505	\$0.000018	\$0.091109
Residential	RSC Energy Discount Summer	\$0.060268	\$0.003505	\$0.000018	\$0.063791
Residential	RSC Energy Critical Winter	\$0.250000	\$0.003505	\$0.000018	\$0.253523
Residential	RSC Energy On-Peak Winter	\$0.151760	\$0.003505	\$0.000018	\$0.155283
Residential	RSC Energy Off-Peak Winter	\$0.087586	\$0.003505	\$0.000018	\$0.091109
Residential	RSC Energy Discount Winter	\$0.060268	\$0.003505	\$0.000018	\$0.063791
General	SGS Energy Blk 1	\$0.121473	\$0.003009	\$0.000016	\$0.124498
General	SGS Energy Blk 1	\$0.059142	\$0.003009	\$0.000016	\$0.062167
General	SGS Energy Blk 1	\$0.051866	\$0.003009	\$0.000016	\$0.054891
General	SGS Energy Blk 2	\$0.060041	\$0.003009	\$0.000016	\$0.063066
General	SGS Energy Blk 2	\$0.059253	\$0.003009	\$0.000016	\$0.062278
General	SGS Energy Blk 2	\$0.051264	\$0.003009	\$0.000016	\$0.054289
General	SGS Energy Blk 3	\$0.044025	\$0.003009	\$0.000016	\$0.047050
General	SGS CATV	\$0.081131	\$0.003009	\$0.000016	\$0.084156
General	LGS Energy Blk 1	\$0.128914	\$0.003009	\$0.000016	\$0.131939
General	LGS Energy Blk 1	\$0.065302	\$0.003009	\$0.000016	\$0.068327
General	LGS Energy Blk 1	\$0.054012	\$0.003009	\$0.000016	\$0.057037
General	LGS Energy Blk 2	\$0.066218	\$0.003009	\$0.000016	\$0.069243
General	LGS Energy Blk 2	\$0.065414	\$0.003009	\$0.000016	\$0.068439
General	LGS Energy Blk 2	\$0.057261	\$0.003009	\$0.000016	\$0.060286
General	LGS Energy Blk 3	\$0.049875	\$0.003009	\$0.000016	\$0.052900
General	BC Energy Blk 1	\$0.047627	\$0.003009	\$0.000016	\$0.050652
General	BC Energy Blk 2	\$0.046164	\$0.003009	\$0.000016	\$0.049189
General	OPT Energy On-Peak Gen Serv	\$0.060548	\$0.003009	\$0.000016	\$0.063573
General	OPT Energy Off-Peak Gen Serv	\$0.023995	\$0.003009	\$0.000016	\$0.027020
Industrial	OPT Energy On-Peak Industrial	\$0.060193	\$0.002971	\$0.000015	\$0.063179
Industrial	OPT Energy Off-Peak Industrial	\$0.023650	\$0.002971	\$0.000015	\$0.026636
Industrial	I Energy Blk 1	\$0.116355	\$0.002971	\$0.000015	\$0.119341
Industrial	I Energy Blk 1	\$0.057781	\$0.002971	\$0.000015	\$0.060767

**Duke Energy Carolinas, LLC**  
**South Carolina**  
**Reconciliation of Tariff Changes**

Industrial	I Energy Blk 1	\$0.042747	\$0.002971	\$0.000015	\$0.045733
Industrial	I Energy Blk 2	\$0.057707	\$0.002971	\$0.000015	\$0.060693
Industrial	I Energy Blk 2	\$0.053436	\$0.002971	\$0.000015	\$0.056422
Industrial	I Energy Blk 2	\$0.047953	\$0.002971	\$0.000015	\$0.050939
Industrial	I Energy Blk 3	\$0.046007	\$0.002971	\$0.000015	\$0.048993
Industrial	I Energy Blk 3	\$0.045023	\$0.002971	\$0.000015	\$0.048009

**Duke Energy Carolinas, LLC**  
**South Carolina**  
**Reconciliation of Tariff Changes**

<u>Energy Charges (\$/kWh)</u>		(A) Current Tariff Rate	(B) Change Ordered by PSCSC	(C) Change from GRT and Reg Fee	(D) Proposed Tariff Rate
Rate Class	Tariff Service Name				(A) + (B) + (C)
General	MP Energy On-Peak Gen Serv	\$0.060548	\$0.003009	\$0.000016	\$0.063573
General	MP Energy Off-Peak Gen Serv	\$0.023995	\$0.003009	\$0.000016	\$0.027020
Industrial	MP Energy On-Peak Industrial	\$0.060193	\$0.002971	\$0.000015	\$0.063179
Industrial	MP Energy Off-Peak Industrial	\$0.023650	\$0.002971	\$0.000015	\$0.026636
General	PG Energy On-Peak Trans Gen	\$0.042659	\$0.003009	\$0.000016	\$0.045684
General	PG Energy Off-Peak Trans Gen	\$0.040607	\$0.003009	\$0.000016	\$0.043632
General	PG Energy On-Peak Distr Gen Serv	\$0.043425	\$0.003009	\$0.000016	\$0.046450
General	PG Energy Off-Peak Distr Gen Serv	\$0.041366	\$0.003009	\$0.000016	\$0.044391
Industrial	PG Energy On-Peak Trans Industrial	\$0.042173	\$0.002971	\$0.000015	\$0.045159
Industrial	PG Energy Off-Peak Trans Industrial	\$0.040121	\$0.002971	\$0.000015	\$0.043107
Industrial	PG Energy On-Peak Distr Industrial	\$0.042930	\$0.002971	\$0.000015	\$0.045916
Industrial	PG Energy Off-Peak Distr Industrial	\$0.040880	\$0.002971	\$0.000015	\$0.043866
Lighting	TS Energy Blk 1	\$0.154525	\$0.003009	\$0.000016	\$0.157550
Lighting	TS Energy Blk 2	\$0.045953	\$0.003009	\$0.000016	\$0.048978
Lighting	NL	\$0.055882	\$0.003009	\$0.000016	\$0.058907
Lighting	OL	-\$0.004783	\$0.003009	\$0.000016	-\$0.001758
Lighting	PL	-\$0.004783	\$0.003009	\$0.000016	-\$0.001758

<u>Value of NEM Generation (\$/kWh)</u>		(E) Current Tariff Rate	(F) Change Ordered by PSCSC	(G) Proposed Tariff Rate
Rate Class	Tariff Name			(E) + (F)
Residential	RS, RE, ES, RB, RT	\$0.02868	\$0.00023	\$0.02891
General	SGS	\$0.02871	\$0.00024	\$0.02895
Gen & Ind	LGS, I, OPTG, OPTI	\$0.02871	\$0.00066	\$0.02937

<u>Monthly DERP Charge (\$/month)</u>		(H) Current DERP Charge	(I) Change Ordered by PSCSC	(J) Gross-Up Factor for GRT and Reg Fee	(K) Proposed DERP Charge
Rate Class	Tariff Name				[(H) + (I)] x (J)
Residential	RS, RE, ES, RB, RT	\$0.64	\$0.02	1.005189	\$0.66
General	SGS, LGS, OPT, MP, PG, TS	\$2.92	-\$0.29	1.005189	\$2.64
Industrial	I, OPT, MP, PG	\$100.00	\$0.00	1.005189	\$100.00